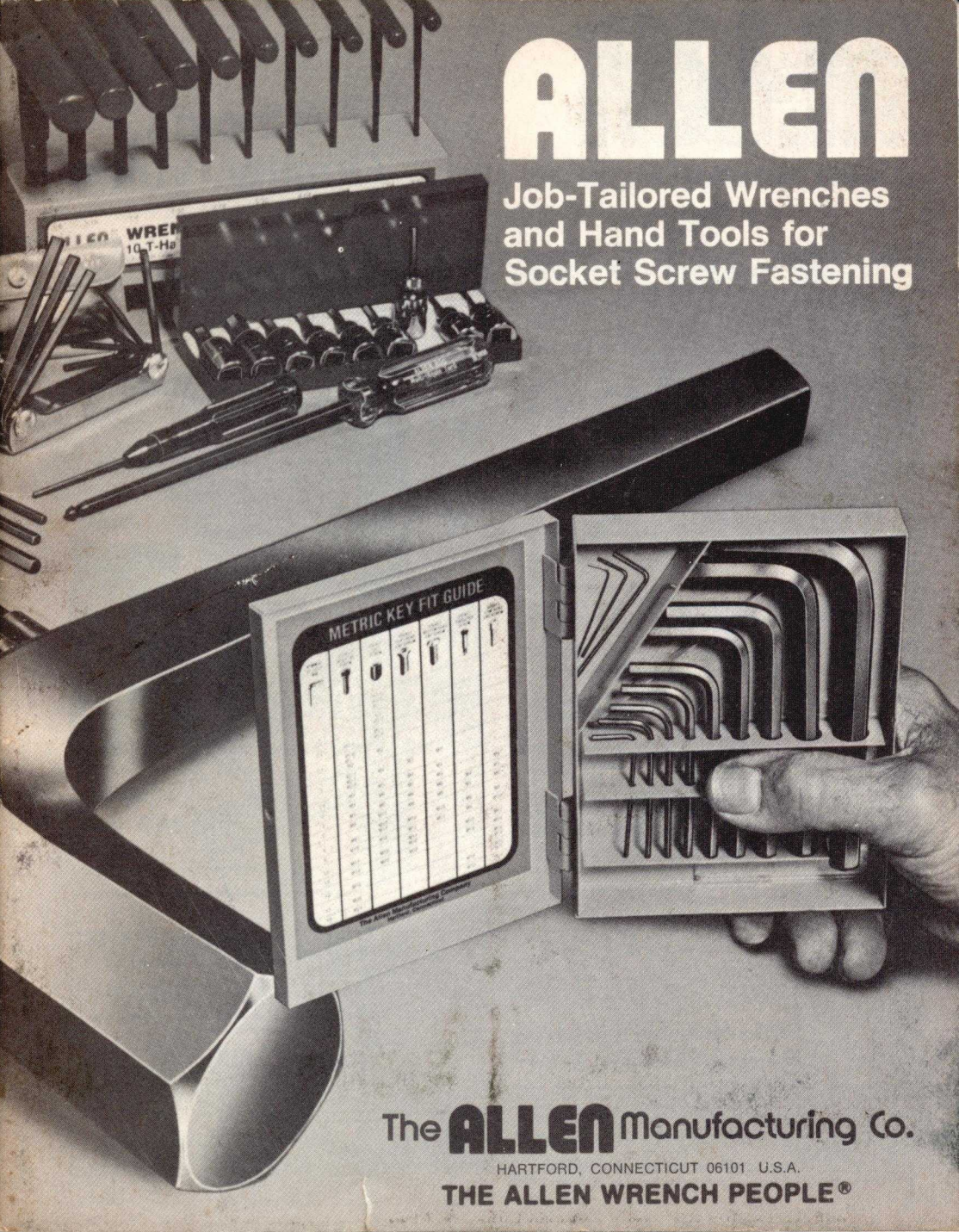
ALLEN
Job-Tailored Wrenches
and Hand Tools for
Socket Screw Fastening
METRIC KEY FIT GUIDE
The ALLEN Manufacturing Co.
HARTFORD, CONNECTICUT 06101 U.S.A.
THE ALLEN WRENCH PEOPLE®

Genuine ALLEN Hex Socket Tools

Choice, Quality, Value

Allen — the originator and leader of internal hex fastening systems — is **your source** for high quality keys, bits and tool sets. You can depend on Allen state-of-the-industry hand tools for all of your hex socket applications.

Inch or metric sizes, all Allen Keys and hand tools are made with the finest heat-treated alloy steel to meet your most demanding requirements. They feature:

1. **High strength** and **toughness** to withstand full tightening force.
2. **Precise hex tolerances** and **chamfered ends** to assure uniform engagement with all socket surfaces and smooth key/socket fit to speed assembly.

Code-Controlled Keys for Your Protection

From the time the steel stock enters our U.S. plants until the finished Allen Keys arrive at your receiving dock, inspection after inspection assures that all Allen tools are top quality, thoroughly dependable products. The identification code on the Allen box label facilitates prompt traceability and product certification. It identifies each lot of keys raw material chemistry and properties, mechanical property evaluations, plating and coating tests. Certifications available upon request.

How to Order

To assure complete, prompt shipment of your order, please specify:

1. Quantity required
2. Nominal key or bit size or set number (where applicable)
3. Allen Product Description
4. Allen Stock Number
5. Price (Refer to current price list)

Example: 10 ea. — 5/64″ — 607 Handi-Hex Drivers
Stock No. 74004 — $0000.00

Allen Handbook — 225 Pages of Fastening Facts

Two-in-one inch/metric handbook is a "must" guide for all users of Allen Hex Socket Fastening Systems. This comprehensive pocket-sized manual contains dimension standards, platings and surface treatments, tightening torques and other fastening facts pertinent to hex socket fastening applications. Offered for $1.50, it's included free with selected driver sets and key assortments.

PRODUCT WARRANTY

These products are sold by Allen under the warranties set forth in the following paragraphs. Such warranties are extended only with respect to a purchase of these products directly from Allen or Allen's authorized distributors as new merchandise, and are extended only to the first buyer thereof other than for the purpose of resale.

These products are warranted to be free from functional defects in materials and workmanship and to conform to the industry standards specified in the relevant Allen published price lists and/or sales literature current at the time of original sale by Allen. The foregoing warranties shall not apply if the products have been subject to abuse, misuse, negligence, accident, reuse or modification.

Allen's sole and exclusive obligation and buyer's sole and exclusive remedy under the above warranties is limited to repairing or replacing, free of charge, at Allen's option, the products which are reported to the Allen authorized distributor from whom purchased, or to the nearest Allen sales office, and which, if so advised, are returned with a statement of the observed deficiency to the designated facility during normal business hours, transportation charges prepaid, and which upon examinations are found not to comply with the above warranties.

ALLEN SHALL NOT BE OTHERWISE LIABLE FOR ANY DAMAGES, INCLUDING, BUT NOT LIMITED TO INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, OR SPECIAL DAMAGES.

THERE ARE NO EXPRESSED OR IMPLIED WARRANTIES WHICH EXTEND BEYOND THE WARRANTIES HEREIN ABOVE SET FORTH. ALLEN MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCTS.

DESIGNER/USER RESPONSIBILITY

Allen products are manufactured, inspected and tested to conform to the industry standards specified in the applicable Allen published price lists and sales literature in effect at the time of manufacture. Strength values included in the relevant specifications are based on laboratory tests and may vary, depending on actual conditions of service loading and exposure. It is the responsibility of the designer/user to determine the proper product for the designer/user's particular application. For this purpose, Allen recommends appropriate testing under actual operating conditions of all assemblies in which the products are to be used.

Products that are broken, damaged, or otherwise visibly imperfect must not be used, and the user shall have sole responsibility for any malfunction, failure or damage which result from the use of such products.

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ALLEN

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ALLEN

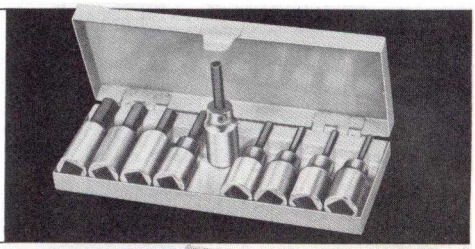
New Socket/Bit Sets

⅜", ¼", ½" Drives

Five different Socket/Bit Sets for ⅜", ¼" or ½" square drive tools. Select standard or long types. All feature forged sockets of heat-treated alloy steel and reversible chamfered Allen Bits.

850
Stock No. 85100

10-piece ⅜" square drive standard Socket/Bit Set with nine bits in inch sizes: 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Bit length 1.38". Allen Key included for bit change. Double-hinged metal case. Weight 1.3 lbs.

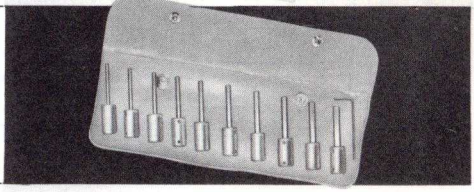


850L
Stock No. 85200

Extra long bits for extra reach. 10-piece ⅜" square drive Socket/Bit Set with nine 6" bits in inch sizes: 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Allen Key included for bit change. Durable vinyl case. Weight 1.5 lbs.

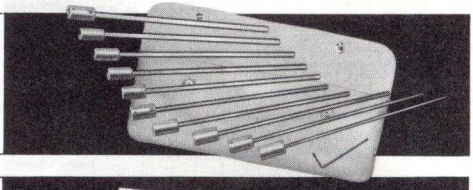
855
Stock No. 85500

11-piece ¼" square drive standard Socket/Bit Set with 10 bits in inch sizes: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4. Bit length 1.38". Allen Key included for bit change. Durable vinyl case. Weight 0.5 lbs.



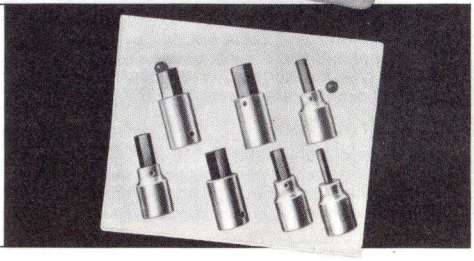
855L
Stock No. 85540

Extra long bits for extra reach. 11-piece ¼" square drive Socket/Bit Set with ten 6" bits in inch sizes: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4. Allen Key included for bit change. Durable vinyl case. Weight 0.8 lbs.



860
Stock No. 86000

8-piece ½" square drive standard Socket/Bit Set with 7 bits in inch sizes: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8. Bit lengths 1.38"-1.66". Allen Key included for bit change. Durable vinyl case. Weight 3.5 lbs.



ALLEN

Tool Selection
Inch Sizes

Allen Key and Set Selector

Allen Number	Description	No. of Keys or Bits	Nominal Key or Bit Sizes, Inches
			.028 .035 .050 1/16 5/64 3/32 7/64 1/8 9/64 5/32 3/16 7/32 1/4 5/16 3/8 7/16 1/2 9/16 5/8 3/4 7/8 1 1 1/4 1 1/2 1 3/4 2
—	Keys, Short Arm	24	
—	Keys, Long Arm	25	
—	Keys, 6″ Long Arm	11	
—	Hex Bits	18	
601	Key Set, Short Arm	6	
604	Key Set, Short Arm	7	
605	Key Set, Short Arm	6	
606	Key Set, Short Arm	11	
616	Key Set, 6″ Long Arm	9	
663	Key Set, Short Arm	19	
663L	Key Set, Long Arm	15	
664	Key Set, Short Arm	9	
666	Key Set, Short Arm	15	
665	Key Island, Short Arm	16	
665A	Key Island, Short Arm	19	
667	Key Box Set, Short Arm	18	
668	Key Box Set, Short Arm	15	
607	Handi-Hex Drivers	9	
6075A	Handi-Hex Set	5	
745	Handi-Hex Set	5	
750	Handi-Hex Set	8	
609	T-Handles, Forged	13	
619	Plas-T-Keys	6	
619L	Plas-T-Keys, Long Series	10	
705	Key Set, Short Arm	8	
710	Key Set, Short Arm	10	
715	Key Set, Short Arm	11	
720	Key Set, Short Arm	11	
725	Key Set, Short Arm	15	
730	Key Set, Short Arm	20	
735	Key Set, 6″ Long Arm	11	
740	Key Set, Long Arm	11	
770	Key Set, Long Arm	13	
641	JacKey Set	8	
644	JacKey Set	9	
647	JacKey Set, Long	8	
610	Key Assortment	9	
760	"Wrench Book" Set	13	
775	Key Kady, Short Arm	12	
775L	Key Kady, Long Arm	12	
780	T-Handles, Cushion Grip	10	
780	T-Handle Set, Cushion Grip	10	
785	Multi-Torq Driver Set	9	
790	Torq-Amplifier Set	8	
795	Ballpoint Driver Set	9	
800	Ballpoint Screwdriver Set	8	
850	Socket Bits, 3/8″ Dr.	9	
850	Socket/Bit Set, 3/8″ Dr.	9	
850L	Socket Bits, Long	9	
850L	Socket/Bit Set, Long	9	
855	Socket Bits, 1/4″ Dr.	10	
855	Socket/Bit Set, 1/4″ Dr.	10	
855L	Socket Bits, Long	10	
855L	Socket/Bit Set, Long	10	
860	Socket Bits, 1/2″ Dr.	7	
860	Socket/Bit Set, 1/2″ Dr.	7	

See Page 24 for Metric Keys & Sets

ALLEN

Tool Selection
Inch Sizes

Allen Key Fit Selector — Keys Fit These Products

Nominal Key Size, Inches	Socket Head Cap Screws		Flat Head Cap Screws	Button Head Cap Screws	Set Screws	Shoulder Screws	Pressure Plugs	Allenuts	Low Head Cap Screws	Nominal Key Size, Inches
	1960 Series	1936 Series								
.028	—	—	—	—	0	—	—	—	—	.028
.035	—	—	0	0	1, 2	—	—	—	—	.035
.050	0	0, 1	1, 2	1, 2	3, 4	—	—	—	4	.050
1/16	1	2	3, 4	3, 4	5, 6	—	—	—	5, 6	1/16
5/64	2, 3	3, 4	5, 6	5, 6	8	—	—	—	8	5/64
3/32	4, 5	5, 6	8	8	10	—	—	—	10	3/32
7/64	6	—	—	—	—	—	—	—	—	7/64
1/8	—	8	10	10	1/4	1/4	—	4, 5	1/4	1/8
9/64	8	—	—	—	—	—	—	—	—	9/64
5/32	10	10	1/4	1/4	5/16	5/16	1/16	6	5/16	5/32
3/16	1/4	1/4	5/16	5/16	3/8	3/8	1/8	8, 10	3/8	3/16
7/32	—	5/16	3/8	3/8	7/16	—	—	—	7/16	7/32
1/4	5/16	—	7/16	—	1/2	1/2	1/4	1/4	1/2	1/4
5/16	3/8	3/8, 7/16	1/2	1/2	5/8	5/8	3/8	5/16	5/8	5/16
3/8	7/16, 1/2	1/2	5/8	5/8	3/4	3/4	1/2	3/8	—	3/8
7/16	—	—	—	—	—	—	—	7/16	—	7/16
1/2	5/8	5/8	3/4	—	7/8	1	—	1/2	—	1/2
9/16	—	3/4, 7/8	7/8	—	1, 1 1/8	—	3/4	—	—	9/16
5/8	3/4	1	1	—	1 1/4, 1 3/8	1 1/4	1	5/8	—	5/8
3/4	7/8, 1	1 1/8, 1 1/4, 1 3/8	1 1/8	—	1 1/2	—	1 1/4	3/4	—	3/4
7/8	1 1/8, 1 1/4	—	1 1/4, 1 3/8	—	—	1 1/2	—	7/8	—	7/8
1	1 3/8, 1 1/2	1 1/2	1 1/2	—	1 3/4, 2	1 3/4	1 1/2, 2	1	—	1
1 1/4	1 3/4	—	—	—	—	2	—	1 1/4	—	1 1/4
1 1/2	2	—	—	—	—	—	—	1 1/2	—	1 1/2
1 3/4	2 1/4, 2 1/2	—	—	—	—	—	—	—	—	1 3/4
2	2 3/4	—	—	—	—	—	—	—	—	2

See Page 24 for Metric Keys & Sets

Allen Key Tips

Protect Yourself

Wear safety goggles at all times. Maintain a firm stance in relation to the work. Apply proper leverage with a uniform pulling action — **do not push.** Wear gloves when possible.

Select the Right Tool

Genuine Allen Hand Tools are designed for particular applications. Always use the proper tool size and type for the job. Avoid tool substitution and don't exceed rated strength limits.

Protect Your Tools

Secure your Allen Hand Tools in their cases, stands or boxes. Proper storage of these tools will keep them protected and accessible. A light, protective oil coating will prevent corrosion.

Inspect Your Tools

Check tools regularly for wear. Replace keys with new Allens when corners or ends become worn or rounded. **Keys with a permanent twist should be discarded.**

Remember . . .

Fully insert key into fastener socket to assure full engagement. Keep fastener sockets clean. Refer to product specifications for correct tightening torque.

WARNING: *The use of a pipe or similar extension on an Allen Wrench or Hand Tool is hazardous to user safety.*

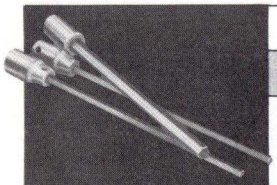
ALLEN New Socket/Bit Replacements

Genuine Allen replacement Socket Bits for all ⅜", ¼" and ½" square drive sets. (See price list for replacement bits.)

Standard Socket/Bits for ⅜" square drive tools.

Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.	Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.
7/64-850	2.25	85110	0.09	7/32-850	2.25	85130	0.09
1/8 -850	2.25	85114	0.09	1/4 -850	2.25	85134	0.12
9/64-850	2.25	85118	0.09	5/16-850	2.25	85138	0.12
5/32-850	2.25	85122	0.09	3/8 -850	2.25	85142	0.14
3/16-850	2.25	85126	0.09				

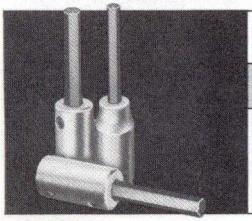
850



Long Socket/Bits for ⅜" square drive tools.

Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.	Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.
7/64-850L	6.87	85202	0.11	7/32-850L	6.87	85212	0.11
1/8 -850L	6.87	85204	0.11	1/4 -850L	6.87	85214	0.20
9/64-850L	6.87	85206	0.11	5/16-850L	6.87	85216	0.25
5/32-850L	6.87	85208	0.11	3/8 -850L	6.87	85218	0.31
3/16-850L	6.87	85210	0.11				

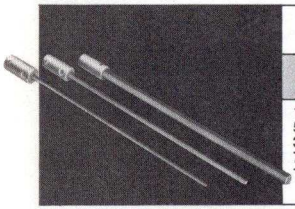
850L



Standard Socket/Bits for ¼" square drive tools.

Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.	Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.
1/16-855	1.81	85502	0.04	9/64-855	1.81	85512	0.04
5/64-855	1.81	85504	0.04	5/32-855	1.81	85514	0.05
3/32-855	1.81	85506	0.04	3/16-855	1.81	85516	0.06
7/64-855	1.81	85508	0.04	7/32-855	1.81	85518	0.07
1/8 -855	1.81	85510	0.04	1/4 -855	1.81	85520	0.08

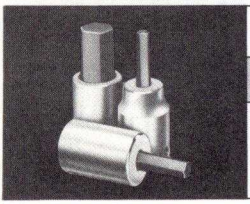
855



Long Socket/Bits for ¼" square drive tools.

Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.	Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.
1/16-855L	6.87	85542	0.05	9/64-855L	6.87	85552	0.05
5/64-855L	6.87	85544	0.05	5/32-855L	6.87	85554	0.06
3/32-855L	6.87	85546	0.05	3/16-855L	6.87	85556	0.07
7/64-855L	6.87	85548	0.05	7/32-855L	6.87	85558	0.08
1/8 -855L	6.87	85550	0.05	1/4 -855L	6.87	85560	0.09

855L



Standard Socket/Bits for ½" square drive tools.

Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.	Part No.	Approx. Lgth., in.	Stock No.	Approx. Wgt., lbs.
1/4 -860	2.5	86002	0.28	1/2 -860	2.5	86010	0.50
5/16-860	2.5	86004	0.29	9/16-860	2.5	86012	0.75
3/8 -860	2.5	86006	0.39	5/8 -860	2.5	86014	0.83
7/16-860	2.5	86008	0.42				

860

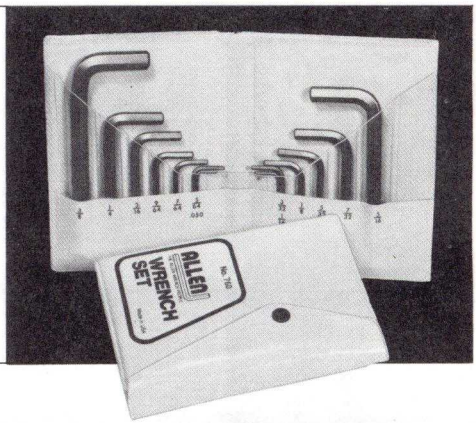
New ALLEN Inch Sets

"Wrench Book" Wrenchmate

Two new Allen sets, both designed for convenience in usage and storage. You can choose the "Wrench Book" Set with 13 popular-sized Allen Keys or the Wrenchmate Set with 10 long Plas-T-Key Drivers.

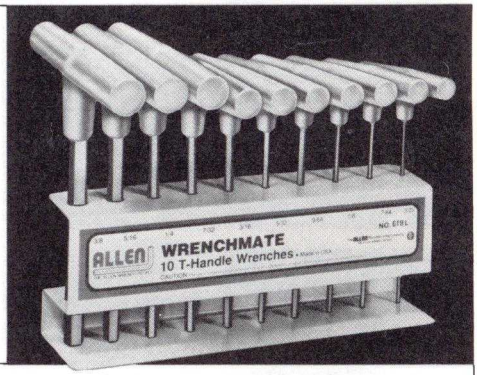
760
Stock No. 84706

"Wrench Book" contains 13 Allen Keys — each in a separate size-marked pocket. Inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Reinforced vinyl case fits pocket or toolbox. Weight 0.75 lbs.



619L
Stock No. 88400

Wrenchmate contains ten **6" long** Allen **Plas-T-Keys** in newly designed metal stand. Inch sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Each Plas-T-Key has a size-marked molded plastic handle. Just right for workbench. Weight 3.6 lbs.



Replacement Plas-T-Keys are available as follows:

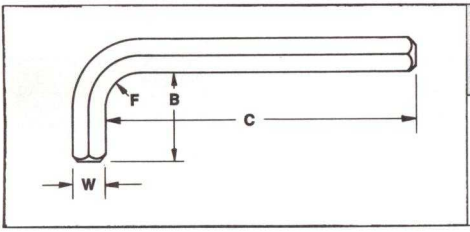
Nominal Bit Size, In.	Exposed Bit Length, In.	Part No.	Stock No.	Standard Package	
				Quantity	Weight, lbs.
3/32	4.5	3/32-619L	88500	10	2.0
7/64	4.5	7/64-619L	88502	10	2.0
1/8	4.5	1/8 -619L	88504	10	2.0
9/64	4.5	9/64-619L	88506	10	2.0
5/32	4.5	5/32-619L	88508	10	2.0
3/16	4.5	3/16-619L	88510	10	3.0
7/32	4.5	7/32-619L	88512	10	3.5
1/4	4.5	1/4 -619L	88514	10	4.0
5/16	4.5	5/16-619L	88516	10	4.5
3/8	4.5	3/8 -619L	88518	10	5.0

ALLEN

New Large Wrenches

1¼", 1½", 1¾" and 2"

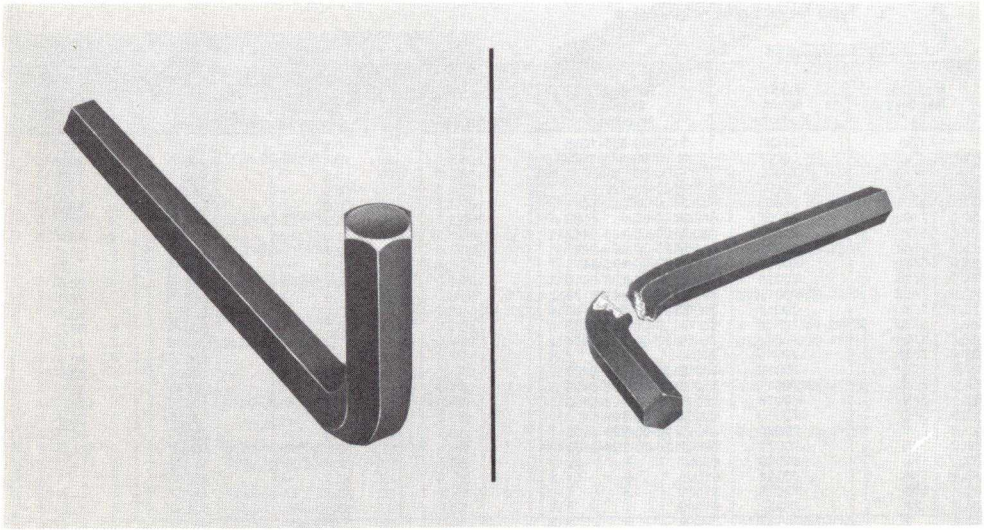
New long series Allens in inch sizes 1¼, 1½, 1¾ and 2 for heavyweight fastening jobs. Each made of the finest alloy steel, heat-treated for strength and durability. Thermal oxide finish. Each key is size-marked for accurate selection.

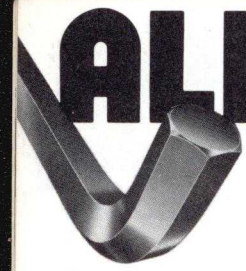


W Nominal Key Size in.	B Short Arm Length in.	C Long Arm Length in.	F Bend Fillet in.	Weight lbs. ea.	Allen Stock Number
1¼	3.00	17.25	1.25	7.7	72020
1½	3.62	20.25	1.50	13.2	72024
1¾	4.12	23.25	1.75	20.6	72028
2	4.50	26.38	2.00	30.3	72032

"There is no such thing as a good cheap Allen Wrench!" Naturally, good quality costs more than poor quality. And when you look at the formula for genuine Allen Wrenches and hand tools — finest alloy steel, controlled heat treat, chamfered ends, precision hex tolerances . . . blended with 65 years of fastening knowhow — it's easy to see why Allen quality can't be matched.

How to figure the price of quality vs. the cost of failure.





"L" Type Keys

Genuine Allen Keys are made from premium quality alloy steel — heat-treated, oil-quenched and tempered. Sizes 5/64" and larger are identified with nominal bit size and "Allen" name. Keys meet specifications of ANSI B18.3 and GGG-K-275. Supplied in full standard packages only (see table). When ordering please specify quantity, nominal size, Allen Stock Number and price (see price list). Short arm keys are furnished unless otherwise specified.

"L" Type Keys, Short Arm Series

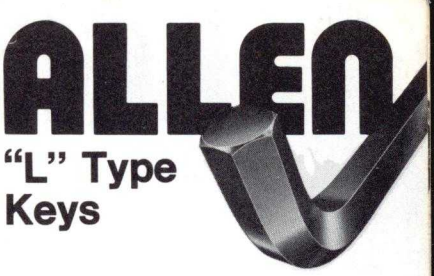
Nominal Key Size In.	Allen Stock Number	National Stock Number	Standard Package		Bulk Quantities Standard Package	
			Quantity	Weight lbs.	Quantity	Weight lbs.
.028	68000	5120-00-555-2639	100	0.1	5,000	1.8
.035	68001	5120-00-198-5400	100	0.2	5,000	2.8
.050	68002	5120-00-198-5401	100	0.2	5,000	7.3
1/16	68003	5120-00-198-5398	100	0.3	5,000	11.8
5/64	68004	5120-00-224-2504	100	0.5	2,000	7.9
3/32	68005	5120-00-242-7410	100	0.6	2,000	11.9
7/64	68006	5120-00-889-2162	100	0.9	2,000	16.3
1/8	68007	5120-00-240-5292	100	1.3	1,000	12.3
9/64	68008	5120-00-889-2163	100	1.5	1,000	15.8
5/32	68009	5120-00-198-5392	100	2.1	500	10.5
3/16	68010	5120-00-240-5300	100	3.3	500	16.6
7/32	68011	5120-00-242-7411	50	2.5	500	23.2
1/4	68012	5120-00-224-4659	50	3.4	500	34.8
5/16	68013	5120-00-240-5274	50	6.0	500	62.1
3/8	68014	5120-00-198-5390	25	4.9	500	98.0
7/16	68015	5120-00-240-5277	10	3.2	250	80.0
1/2	68016	5120-00-198-5391	10	4.3	250	108.0
9/16	68017	5120-00-240-5268	10	5.9	100	59.0
5/8	68018	5120-00-224-2510	10	8.0	100	80.0
3/4	68019	5120-00-222-1489	5	6.5	100	132.0
7/8	68022	—	5	10.5	50	102.0
1	68021	5120-00-198-5387	5	15.0	25	75.0
1 1/4	68023	—	1	5.9	—	—
1 1/2	68024	—	1	9.9	—	—

"L" Type Keys, Long Arm Series

Nominal Key Size In.	Allen Stock Number	National Stock Number	Standard Package		Bulk Quantities Standard Package	
			Quantity	Weight lbs.	Quantity	Weight lbs.
.035	101691	5120-00-596-1236	100	0.2	5,000	10.0
.050	70002	5120-00-541-5556	100	0.4	5,000	10.8
1/16	70003	5120-00-293-1476	100	0.5	5,000	16.8
5/64	70004	5120-00-293-0080	100	0.6	2,000	7.9
3/32	70005	5120-00-221-8036	100	0.9	2,000	18.9
7/64	70006	5120-00-951-6589	100	1.3	2,000	27.3
1/8	70007	5120-00-198-5412	100	1.8	1,000	18.4
9/64	70008	5120-00-984-0247	100	2.4	1,000	24.8
5/32	70009	5120-00-198-5413	100	3.1	500	15.8
3/16	70010	5120-00-198-5410	100	4.9	500	23.0
7/32	70011	5120-00-241-3179	50	3.6	500	32.5
1/4	70012	5120-00-241-3180	50	5.1	500	50.3
5/16	70013	5120-00-198-5409	50	9.2	500	89.3
3/8	70014	5120-00-198-5406	25	7.4	250	74.0
7/16	70015	—	10	3.2	250	80.0
1/2	70016	5120-00-198-5407	10	6.3	100	63.0
9/16	70017	5120-00-198-5404	10	8.8	100	88.0
5/8	70018	5120-00-198-5405	5	5.5	100	110.0
3/4	70019	5120-00-198-5402	5	9.5	50	95.0
7/8	70020	5120-00-293-2235	2	6.0	25	75.0
1	70021	5120-00-198-5403	2	8.0	25	100.0
1 1/4	72020	—	1	7.7	—	—
1 1/2	72024	—	1	13.2	—	—
1 3/4	72028	—	1	20.6	—	—
2	72032	—	1	30.3	—	—

WARNING:
The use of a pipe or similar extension on an Allen Key or Hand Tool is hazardous to user safety.

"L" Type Keys



"L" Type Keys, 6" Long Arm Series

Nominal Key Size in.	Allen Stock Number	National Stock Number	Standard Package		Bulk Quantities Standard Package	
			Quantity	Weight lbs.	Quantity	Weight lbs.
5/64	72004	5120-00-971-6809	25	0.4	—	—
3/32	72005	—	25	0.5	—	—
7/64	72006	—	25	0.6	—	—
1/8	72007	5120-00-189-2998	25	0.8	—	—
9/64	72008	—	25	0.9	—	—
5/32	72009	—	25	1.1	—	—
3/16	72010	—	25	1.5	—	—
7/32	72011	5120-00-221-8037	25	2.3	—	—
1/4	72012	—	25	2.9	—	—
5/16	72013	—	25	4.4	—	—
3/8	72014	—	25	6.6	—	—

Bulk quantities available. See Price List.

Straight Hex Bits

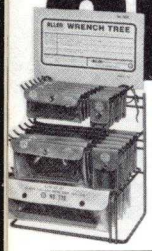
Allen Bits are designed for use with Allen Driver Handles — pages 18 & 19. They meet the same material and dimension specifications as Allen Keys. Furnished in standard packages only. When ordering please specify Allen Stock Number, nominal bit size and length. Special bits available; contact Allen for prices.

Nominal Bit		Allen Stock Number	National Stock Number	Standard Pkg.	
Size in.	Length in.			Quantity	Weight lbs.
.028	2	76000	—	20	0.01
.035	2	76001	—	20	0.01
.050	3	76002	5120-00-015-1305	20	0.04
1/16	3	76003	—	20	0.06
5/64	3	76004	5120-00-015-1303	20	0.09
5/64	6	103028	—	20	0.18
3/32	3	76005	—	20	0.13
3/32	4	80002	—	20	0.17
3/32	5	80003	5120-00-555-0054	20	0.22
3/32	6	103030	—	20	0.26
7/64	3	76006	5120-00-015-1313	20	0.18
7/64	4	80008	—	20	0.24
7/64	5	80009	5120-00-928-4127	20	0.30
7/64	6	103051	—	20	0.36
1/8	3	76007	—	20	0.23
1/8	4	80014	—	20	0.29
1/8	5	80015	5120-00-928-4129	20	0.39
1/8	6	103033	—	20	0.46
9/64	3	76008	—	20	0.30
9/64	4	80020	—	20	0.39
9/64	5	80021	5120-00-928-4197	20	0.49
9/64	6	103057	—	20	0.56
5/32	3	80025	—	20	0.37
5/32	4	80026	5120-00-659-6726	20	0.48
5/32	5	80027	5120-00-652-3461	20	0.60
5/32	6	103037	—	20	0.72
3/16	4	80032	5120-00-877-8807	20	0.70
3/16	5	80033	5120-00-826-6145	20	0.87
3/16	6	80034	5120-00-554-8492	20	1.05

Bulk quantities available. See Price List.

Nominal Bit		Allen Stock Number	National Stock Number	Standard Pkg.	
Size in.	Length in.			Quantity	Weight lbs.
7/32	4	80038	—	20	0.96
7/32	5	80039	—	20	1.19
7/32	6	80040	5120-00-813-6248	20	1.42
1/4	4	80042	—	10	0.62
1/4	5	80043	—	10	0.78
1/4	6	80044	5120-00-928-4160	10	0.93
5/16	5	80049	—	10	1.21
5/16	6	80050	5120-00-541-6993	10	1.45
5/16	7	80051	5120-00-929-4191	10	1.69
3/8	5	80055	—	10	1.75
3/8	6	80056	—	10	2.10
3/8	7	80057	5120-00-928-4126	10	2.44
1/2	6	80062	—	5	1.86
1/2	7	80063	—	5	2.17
1/2	8	80064	5120-00-928-4122	5	2.48
9/16	6	80068	—	5	2.36
9/16	7	80069	—	5	2.75
9/16	8	80070	—	5	3.14
5/8	6	80074	—	5	2.91
5/8	7	80075	—	5	3.39
5/8	8	80076	5120-00-798-2135	5	3.87

Bit sizes ¾", ⅞", 1", 1¼" & 1½" plus other lengths are available on request.



ALLEN Merchandisers

Key Sets
Key Assortments

Space-saving counter cards, box assortments and wire rack displays — attractive merchandisers for countertop, wall or pegboard. Each contains a different selection of genuine job-tailored Allen Keys.

Key Set Merchandisers

Traffic-stopping counter cards, 18″ x 13½″. Each counter card holds 12 Allen Key Sets. Cards have easel back and hanger holes for display and mounting versatility.

Display Counter Card 604-12
Stock No. 86604

Holds 12 No. 604 Key Sets. Each set contains 7 keys in sizes 5/64″ - ¼″. Weight 3.5 lbs.

Display Counter Card 664-12
Stock No. 86664

Holds 12 No. 664 Key Sets. Each set contains 9 keys in sizes 5/64″ - ¼″. Weight 3.9 lbs.

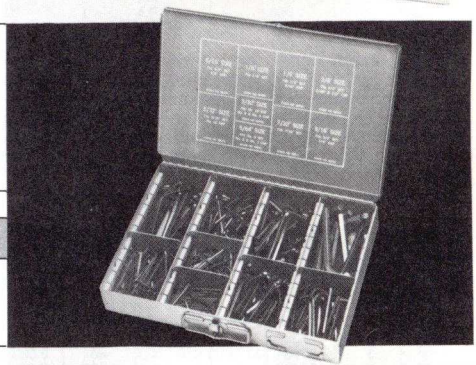
See page 28 for metric counter card. For display cards with different key sets contact Allen.

Key Assortment 610
Stock No. 86610

Key Assortment contains 270 of the 9 most popular Allen Keys in rugged, partitioned metal box. Keys fit set screws No. 8 through ¾″; cap screws No. 3 through 5/16″. Hinged cover has latch closure. Key Fit Selector Guide and contents list on inside cover. Metal box is 9¾″ x 13½″ x 2″. Weight 12.2 lbs.

Contents

Nom. Key Size, in.	Qty. Per Pkg.	Nom. Key Size, in.	Qty. Per Pkg.
5/64	50	7/32	25
3/32	50	1/4	25
1/8	50	5/16	10
5/32	25	3/8	10
3/16	25		



Key Trees

No. 805
Stock No. 86805

Set includes Key Tree merchandiser (No. 815) with 30 popular-sized Allen Key Sets. Six each of Nos. 601, 605, 664, 666 & 770. Weight 15 lbs.

No. 810
Stock No. 86810

Set includes Key Tree merchandiser (No. 815) with 110 popular-sized Allen Key Sets. 25 each of Nos. 601, 605, 664, 666; 10 each of No. 770. Weight 55 lbs.

No. 815 Stock No. 86815

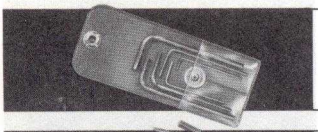
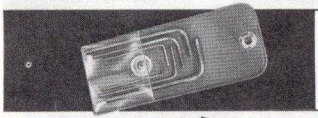
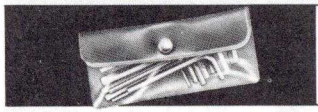
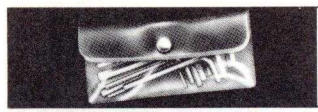
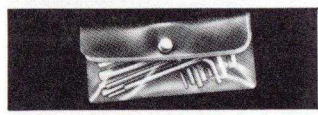
Key Tree (without merchandise) is handy 9½″ x 10½″ x 6″ heavy gauge wire frame merchandiser. Displays your choice of Allen Key Sets on counters, pegboards or hangers. Includes clearly marked display card with Key Set information. Weight 5 lbs.

ALLEN

Key Sets

Short Arm
Vinyl Envelope

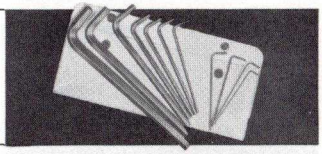
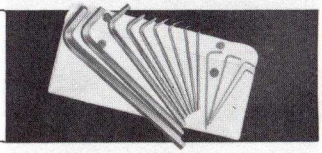
Various combinations of genuine Allen Keys packed in easy-access colored vinyl envelopes with snap button closures. When ordering please specify quantity, set number and Allen Stock Number. Key Sets conform to GGG-K-275.

	6 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32. Weight 0.1 lbs. NSN 5120-00-542-4631.	**601** Stock No. 84601
	7 keys, short arm series, inch sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4. Weight 0.2 lbs. NSN 5120-00-596-1244.	**604** Stock No. 84604
	6 keys, short arm series, inch sizes: .050, 1/16, 5/64, 3/32, 1/8, 5/32. Weight 0.1 lbs. NSN 5120-00-080-9288.	**605** Stock No. 84605
	11 keys, short arm series, inch sizes: .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 0.6 lbs. NSN 5120-00-595-9244.	**606** Stock No. 84606
	9 keys, short arm series, inch sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4. Weight 0.3 lbs. NSN 5120-00-790-8947.	**664** Stock No. 84664
	15 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 0.58 lbs. NSN 5120-00-973-0780.	**666** Stock No. 84666
	8 keys, short arm series, inch sizes: .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32. Weight 0.2 lbs. NSN 5120-00-684-7055.	**705** Stock No. 84720
	10 keys, short arm series, inch sizes: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 0.6 lbs. NSN 5120-00-203-7064.	**710** Stock No. 84730
	11 keys, short arm series, inch sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16. Weight 1.6 lbs. NSN 5120-00-541-5852.	**715** Stock No. 84735

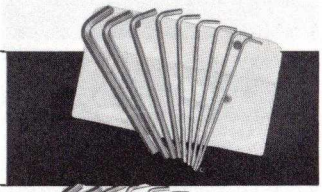
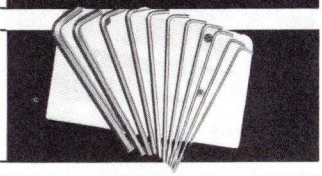
Key Sets

Long Arm • Vinyl Envelope

Genuine Allen Keys with extra length for increased leverage and greater reach. Keys packed in colorful vinyl envelopes with double snap closures. When ordering please specify quantity, Set Number and Allen Stock Number. Keys conform to GGG-K-275.

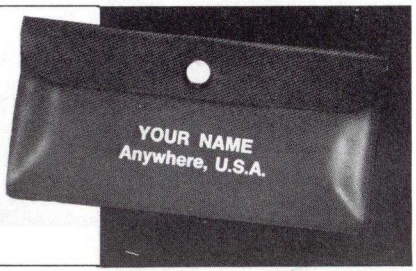
740 **Stock No.** **84770**	11 keys, **long arm series,** inch sizes: .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 1.05 lbs. NSN 5120-00-529-1475.	
770 **Stock No.** **84780**	13 keys, **long arm series,** inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 1.06 lbs.	

6″ Long Arm Key Sets

616 **Stock No.** **84616**	9 keys, **6″ long arm series,** inch sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 0.9 lbs. NSN 5120-00-792-6256.	
735 **Stock No.** **84760**	11 keys, **6″ long arm series,** inch sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 0.96 lbs.	

Specialty Key Sets

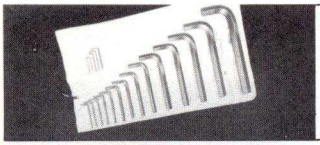
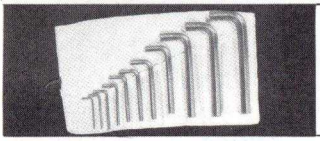
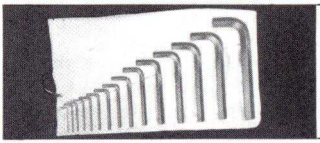
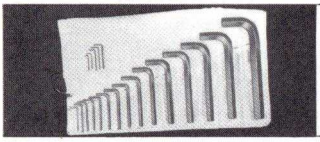
Allen Key Sets can be imprinted with customer's logo or trademark. Perfect for service tool sets supplied with industrial machinery and business equipment or as premiums or gifts. Write Allen for details.

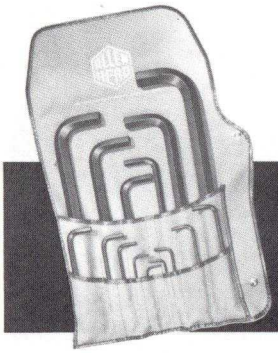


Key Sets

Short Arm • Vinyl Roll Case

Your choice of four Allen Key Sets, each in an attractive vinyl roll case with tie closure. Individual key pockets for easy access. Keys conform to GGG-K-275.

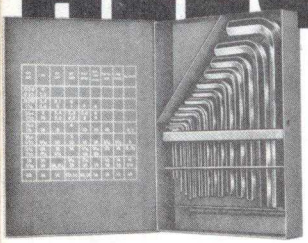
	19 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8, 3/4. Weight 4.2 lbs. NSN 5120-00-089-1408.	**663** Stock No. 84660
	11 keys, short arm series, inch sizes: 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8. Weight 2.74 lbs. NSN 5120-00-315-3358.	**720** Stock No. 84740
	15 keys, short arm series, inch sizes: .035, .050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8. Weight 2.8 lbs. NSN 5120-00-595-9245.	**725** Stock No. 84745
	20 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4. Weight 4.5 lbs. NSN 5120-00-935-4641.	**730** Stock No. 84750



Key Sets

Long Arm
Vinyl Roll Case

	15 keys, **long arm series,** inch sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8, 3/4. Long arm Allen Keys provide increased leverage and greater reach. Laminated vinyl roll case features large flap and twin snaps to secure keys. Reinforced size-marked pockets allow fast access to each key. Weight 5.5 lbs.	**663L** Stock No. 84663



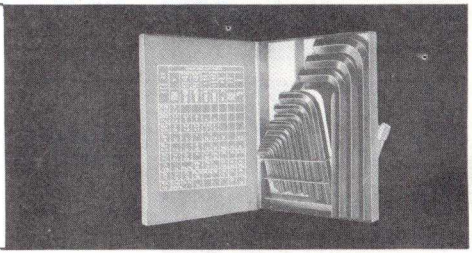
Key Sets

Short Arm Metal Box

Two key sets with genuine Allen Keys in a rugged metal box with swing out key index for quick selection. Key Fit Selector Guide on inside cover. Lever-action closure keeps keys secure. Keys conform to GGG-K-275.

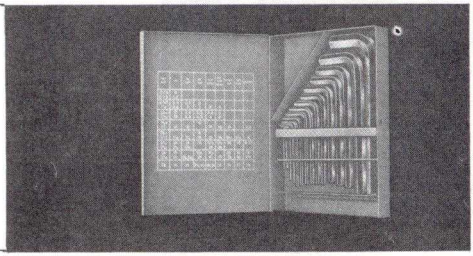
667
Stock No. 84667

18 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8. Weight 3.4 lbs. NSN 5120-00-722-4029.



668
Stock No. 84668

15 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 1.3 lbs.

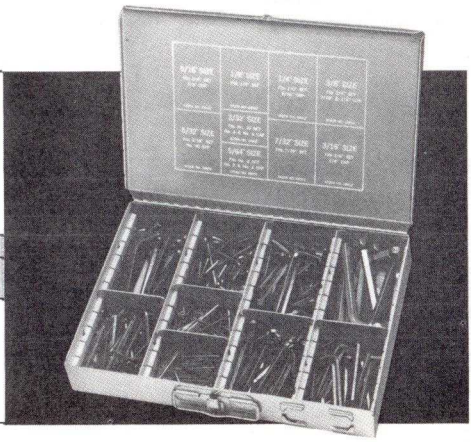


Key Assortment

610
Stock No. 86610

Key assortment contains 270 of the 9 most popular Allen Keys in a rugged partitioned metal box — 9¾″ x 13½″ x 2″. Keys fit set screws No. 8 through ¾″ and cap screws No. 3 through 9/16″. Hinged cover has latch closure. Key Fit Selector Guide and contents list on inside cover. Weight 12.2 lbs.

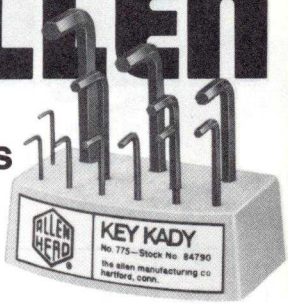
Contents			
Nom. Key Size, In.	Qty. Per Pkg.	Nom. Key Size, In.	Qty. Per Pkg.
5/64	50	7/32	25
3/32	50	1/4	25
1/8	50	5/16	10
5/32	25	3/8	10
3/16	25		



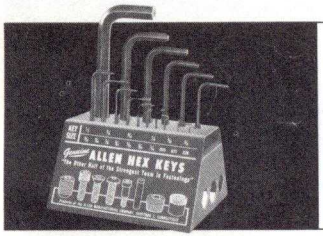
ALLEN

Key Stands

Short Arm



Genuine Allen Keys in your choice of metal stands or plastic Key Kady made of yellow high impact styrene. Each features size-marked recesses for instant access to the right Allen Key. Perfect for workbench.



Metal Key Island holds 16 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2. Recesses for optional keys in inch sizes: 9/16, 5/8, 3/4. Weight 1.8 lbs. NSN 5120-00-408-2323.

665
Stock No. 84665

Metal Key Island holds 19 keys, short arm series, inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16, 5/8, 3/4. Weight 4.8 lbs.

665A
Stock No. 85665

Key Kady holds 12 keys, short arm series, inch sizes: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Weight 0.82 lbs.

775
Stock No. 84790

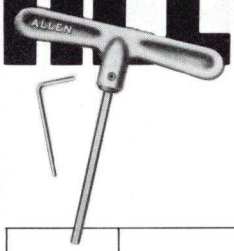
Key Stand

Long Arm

Key Kady holds 12 keys, **long arm series,** inch sizes: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Long arm Allen Keys in sturdy yellow styrene Key Kady. Size-marked recesses for instant access. Weight 1.26 lbs.

775L
Stock No. 84800

ALLEN



Drivers

T-Handle

Three types of drivers, each with comfortable T-Handle grip for production and assembly operations. Provide easy-to-apply wrenching leverage. All feature precision Allen Bits. When ordering please specify quantity, nominal bit size, Set Number and Allen Stock Number.

619

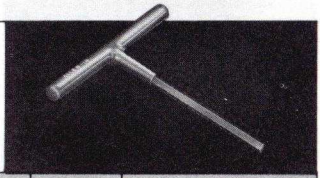
Plas-T-Key Drivers® are molded of green butyrate for comfort and toughness. Size-marked handles show Allen Bit size. "Allen" stamp is your sign of quality.

Nominal Bit		Allen Stock Number	Standard Package		Nominal Bit		Allen Stock Number	Standard Package	
Size in.	Length in.		Quantity	Weight lbs.	Size in.	Length in.		Quantity	Weight lbs.
3/32	1 7/8	88404	10	1.5	9/64	2 1/2	88407	10	1.5
7/64	2 1/8	88405	10	1.5	5/32	2 11/16	88408	10	1.5
1/8	2 5/16	88406	10	1.5	3/16	3 3/32	88409	10	2.5

Bulk quantites available. See page 8 for long series Plas-T-Keys.

780

Cushion-Grip T-Handles provide more comfort for repetitive fastening or adjusting operations. Plastic-coated handle shows Allen Bit size. "Allen" stamp is your sign of quality.

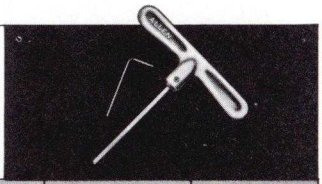


Nominal Bit		Allen Stock Number	Standard Package		Nominal Bit		Allen Stock Number	Standard Package	
Size in.	Length in.		Quantity	Weight lbs.	Size in.	Length in.		Quantity	Weight lbs.
3/32	6	84811	10	0.8	3/16	6	84816	10	2.8
7/64	6	84812	10	0.8	7/32	6	84817	10	3.4
1/8	6	84813	10	0.9	1/4	6	84818	10	3.2
9/64	6	84814	10	1.2	5/16	6	84819	5	3.8
5/32	6	84815	10	1.3	3/8	6	84820	5	4.5

Bulk quantities available.

609

Forged T-Handles feature rugged metal handles with large gripping surface for maximum leverage. Allen Bits are replaceable; key for set screw is included. "Allen" stamp is your sign of quality. Conform to GGG-K-275.



Nominal Bit		Allen Stock Number	National Stock Number	Standard Package		Nominal Bit		Allen Stock Number	National Stock Number	Standard Package	
Size in.	Length in.			Quantity	Weight lbs.	Size in.	Length in.			Quantity	Weight lbs.
3/32	5	78005	5120-00-555-0054	10	1.0	1/4	6	78012	5120-00-798-2133	5	2.0
7/64	5	78006	—	10	1.0	5/16	7	78013	5120-00-134-1143	5	2.5
1/8	5	78007	5120-00-288-7806	10	1.0	3/8	7	78014	5120-00-293-2220	5	3.0
9/64	5	78008	5120-00-177-7063	10	1.0	1/2	8	78016	5120-00-798-2134	1	1.3
5/32	5	78009	5120-00-293-2224	10	2.0	9/16	8	78017	—	1	1.4
3/16	6	78010	5120-00-773-8026	10	3.0	5/8	8	78018	5120-00-798-2135	1	1.5
7/32	6	78011	5120-00-554-9203	10	3.0						

Bulk quantities available. See page 11 for replacement bits.

ALLEN

Drivers

Screwdriver Handle

Allen Handi-Hex Drivers consist of an amber plastic screwdriver handle with a genuine Allen Bit. Two size handles: standard for bits .050″ and larger, and small for .028″ and .035″ bits. Hole through handle allows bit length adjustment. Allen Key included for tightening or loosening chuck. Conform to GGG-K-275.

Handi-Hex Drivers are designed for general use and production assembly operations using socket screw products. Versatile drivers feature adjustable, replaceable Allen Bits. "Allen" stamp is your sign of quality. Each handle identified by bit size.

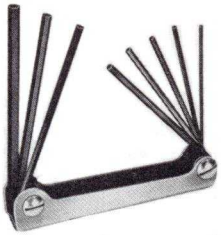
607

Nominal Bit		Allen Stock Number	National Stock Number	Standard Package		Nominal Bit		Allen Stock Number	National Stock Number	Standard Package	
Size in.	Length in.			Quantity	Weight lbs.	Size in.	Length in.			Quantity	Weight lbs.
.028	2	74000	5120-00-061-6347	20	2.5	3/32	3	74005	5120-00-293-9204	20	2.5
.035	2	74001	5120-00-203-5107	20	2.5	7/64	3	74006	—	20	2.5
.050	3	74002	5120-00-293-9206	20	2.5	1/8	3	74007	5120-00-293-0699	20	2.5
1/16	3	74003	5120-00-293-9205	20	2.5	9/64	3	74008	5120-00-177-7341	20	2.5
5/64	3	74004	5120-00-224-2508	20	2.5						

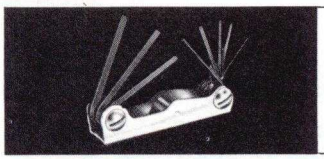
Bulk quantities available. See page 11 for replacement bits.

JacKey®

Multiple Self-Contained Bits

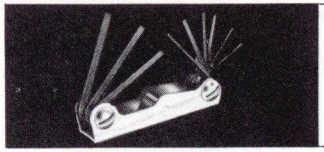


Compact JacKey Sets are perfect for home and shop. Available with three different combinations of alloy steel bits. Heavy-duty plated steel handle. Jacknife folding feature allows carrying in pocket or toolbox. Dual-purpose bits function as wrench or straight driver. (See price list for replacement bits.)



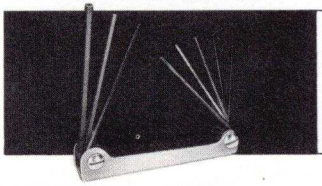
JacKey Set with 8 bits in inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32. Bit lengths 2″-2½″. Handle length 3″. Weight 0.13 lbs. NSN 5120-00-439-8988.

641
Stock No. 73100



JacKey Set with 9 bits in inch sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4. Bit lengths 3″-3½″. Handle length 4″. Weight 0.44 lbs.

644
Stock No. 73120



JacKey Set with 8 **long bits** in inch sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4. Bit lengths 5″-5½″. Handle length 6″. Weight 0.85 lbs.

647
Stock No. 73130

ALLEN

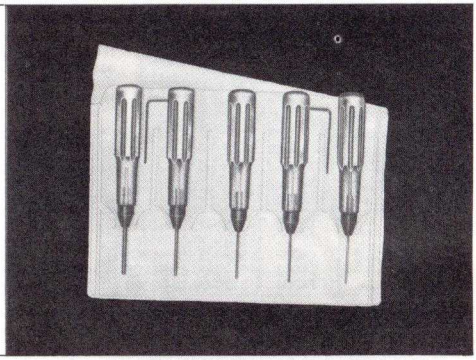
Driver Sets

Screwdriver Handle

Your choice of three Handi-Hex Driver Sets — each features adjustable, reversible, replaceable Allen Bits in plastic screwdriver handle. Ideal where quick accessibility, full tightening power and easy use are desired. Vinyl case or workbench stand.

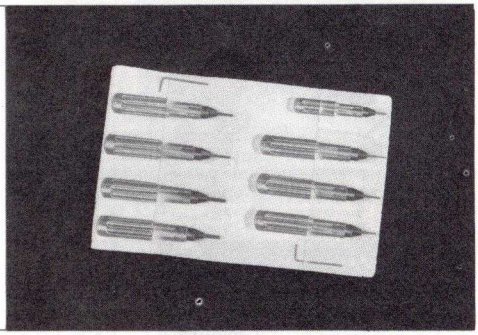
745
Stock No. 86507

Handi-Hex Set contains 5 drivers with Allen Bits in inch sizes: .050, 1/16, 5/64, 3/32, 1/8. Complete with two $\frac{1}{16}$″ keys for bit change or adjustment. Packed in partitioned vinyl snap-button case. Weight 0.6 lbs. NSN 5120-00-696-4768.



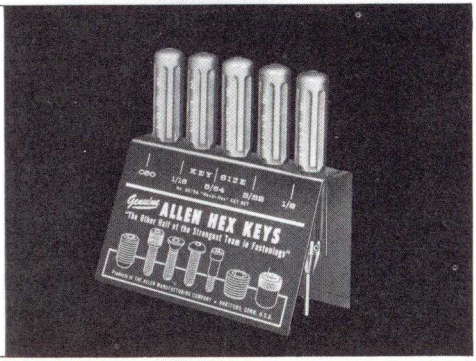
750
Stock No. 86508

Handi-Hex Set contains 8 drivers with Allen Bits in inch sizes: .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64. Complete with .050″ and $\frac{1}{16}$″ keys for bit change or adjustment. Packed in partitioned vinyl snap-button case. Weight 1.2 lbs. NSN 5120-00-912-1085.



6075A
Stock No. 86607

Handi-Hex Set contains 5 drivers with Allen Bits in inch sizes: .050, 1/16, 5/64, 3/32, 1/8. Complete with $\frac{1}{16}$″ key for bit change or adjustment. Metal workbench stand features size-marked recesses. Weight 0.9 lbs. NSN 5120-00-696-4768.

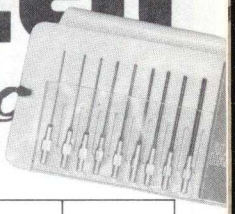


See page 11 for replacement bits.

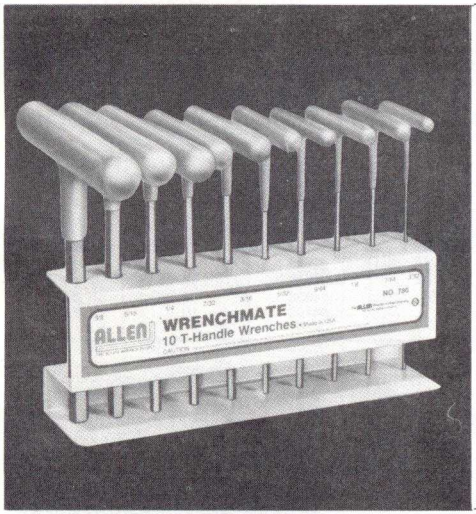
ALLEN

Driver Sets

T-Handle Screwdriver Handle



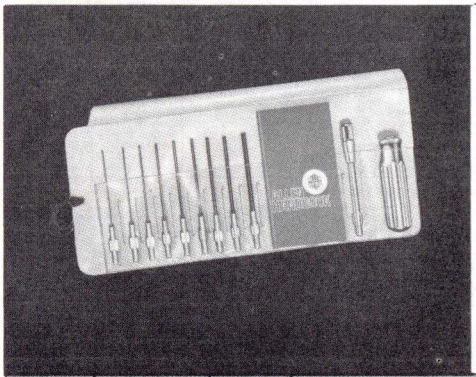
Quality hand tool sets feature T-handle drivers in new metal workbench stand or drivers with screwdriver handles in handy vinyl roll case. Both are ideal for quick tool access and comfortable handling.



Cushion-Grip T-Handle Set includes 10 drivers with Allen Bits in inch sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8. Bit lengths 6″. Large cushioned handles provide more torque and comfort. Modern metal stand with individual recesses, perfect for workbench. Weight 3.8 lbs.

See page 18 for replacement drivers.

780
Stock No. 84810

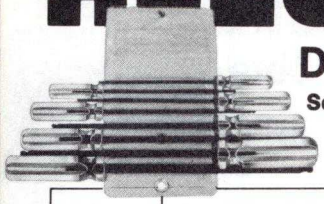


Multi-TorQ Screwdriver Set with 9 interchangeable shank Allen Bits in inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16. Bit lengths 4″. Handle — $1\frac{1}{16}$″ x $4\frac{1}{8}$″ with 4″ extension to make an 8″ driver. Complete with partitioned vinyl roll case and 225-page Allen Handbook. Weight 1.1 lbs. NSN 5120-00-851-4247.

785
Stock No. 84830

Nominal Bit Size in.	Part Identification Number	Allen Stock Number	Standard Package		Nominal Bit Size in.	Part Identification Number	Allen Stock Number	Standard Package	
			Quantity	Weight lbs.				Quantity	Weight lbs.
.050	99-20	84831	5	0.4	$\frac{9}{64}$	99-964	84837	5	0.4
$\frac{1}{16}$	99-21	84832	5	0.4	$\frac{5}{32}$	99-25	84838	5	0.4
$\frac{5}{64}$	99-22	84833	5	0.4	$\frac{3}{16}$	99-26	84839	5	0.4
$\frac{3}{32}$	99-23	84834	5	0.4		785 Handle	84840	5	0.8
$\frac{7}{64}$	99-764	84835	5	0.4		99-X-5 Extension	84841	5	0.8
$\frac{1}{8}$	99-24	84836	5	0.4					

ALLEN



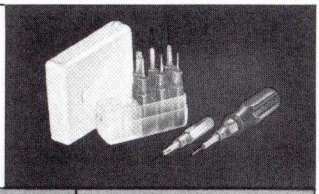
Drivers

Screwdriver Handle

Choice of TorQ-Amplifier Driver Set or two "ballpoint" driver sets for hard-to-reach socket fasteners. Replacement parts available for each. Contact Allen for quantities other than listed.

790
Stock No. 84850

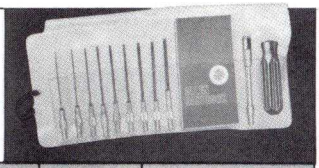
TorQ-Amplifier Driver Set features eight plastic screwdriver handles with Allen Bits in inch sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8. Overall length 4″. Larger plastic TorQ-Amplifier handle — $1\frac{1}{16}$″ x $3\frac{1}{8}$″ — fits over smaller handles to provide increased gripping surface and torque. Two-piece partitioned plastic box keeps drivers secure. Weight 0.5 lbs.



Nominal Bit Size in.	Allen Stock Number	Standard Package Quantity	Standard Package Weight lbs.	Nominal Bit Size in.	Allen Stock Number	Standard Package Quantity	Standard Package Weight lbs.
.028	84851	10	0.8	3/32	84856	10	0.8
.035	84852	10	0.8	7/64	84857	10	0.8
.050	84853	10	0.8	1/8	84858	10	0.8
1/16	84854	10	0.8		84859 Handle	10	1.0
5/64	84855	10	0.8				

795
Stock No. 84870

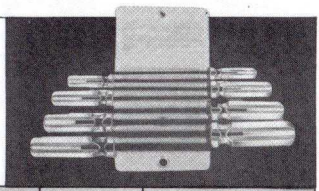
Multi-Angle Driver Set features 9 interchangeable "ballpoint" Allen Bits in inch sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16. Bit lengths 4″. Handle $1\frac{1}{16}$″ x $4\frac{1}{8}$″, with 4″ extension to make an 8″ driver. Complete with partitioned vinyl roll case and 225-page Allen Handbook. Weight 0.5 lbs.



Nominal Bit Size in.	Part Identification Number	Allen Stock Number	Standard Package Quantity	Standard Package Weight lbs.	Nominal Bit Size in.	Part Identification Number	Allen Stock Number	Standard Package Quantity	Standard Package Weight lbs.
.050	99-20BP	84871	5	0.4	9/64	99-964BP	84877	5	0.4
1/16	99-21BP	84872	5	0.4	5/32	99-25BP	84878	5	0.4
5/64	99-22BP	84873	5	0.4	3/16	99-26BP	84879	5	0.4
3/32	99-23BP	84874	5	0.4		795 Handle	84880	5	0.8
7/64	99-764BP	84875	5	0.4					
1/8	99-24BP	84876	5	0.4		99-X-5 Extension	84881	5	0.8

800
Stock No. 84890

Multi-Angle Screwdriver Set includes 8 drivers with "ballpoint" bits in inch sizes: 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16. Driver lengths $4\frac{1}{4}$″ to $6\frac{1}{2}$″. Space-saver vinyl pouch has individual pockets and snap button closure to keep drivers secure. Weight 1.6 lbs.



Nominal Bit Size in.	Driver Length in.	Allen Stock Number	Standard Package Quantity	Standard Package Weight lbs.	Nominal Bit Size in.	Driver Length in.	Allen Stock Number	Standard Package Quantity	Standard Package Weight lbs.
3/32	3.7	84899	6	0.3	3/16	3.8	84895	6	1.0
7/64	2.9	84891	6	0.4	7/32	4.2	84896	6	1.1
1/8	3.1	84892	6	0.4	1/4	4.6	84897	6	1.7
9/64	3.2	84893	6	0.5	5/16	5.6	84898	6	2.3
5/32	3.6	84894	6	0.7	3/8	6.6	84900	6	3.0

ALLEN

Dimension Standards

Inch Keys & Bits

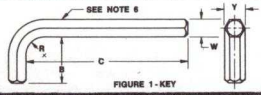
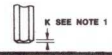


FIGURE 1 - KEY



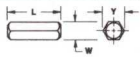


FIGURE 2 - BIT

Nominal Key or Bit and Socket Size in.	W Hexagon Width Across Flats in.		Y Hexagon Width Across Corners in.		B Length of Short Arm in.		C Length of Long Arm, in.				R Radius of Bend in.	K Chamfer in.
							Short Series		Long Series			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Max.
0.028	0.0280	0.0275	0.0314	0.0300	0.312	0.125	1.312	1.125	2.688	2.500	0.062	0.003
0.035	0.0350	0.0345	0.0393	0.0378	0.438	0.250	1.312	1.125	2.766	2.578	0.062	0.004
0.050	0.0500	0.0490	0.0560	0.0540	0.625	0.438	1.760	1.562	2.938	2.750	0.062	0.006
1/16 0.062	0.0625	0.0615	0.0701	0.0680	0.656	0.469	1.844	1.656	3.094	2.906	0.062	0.008
5/64 0.078	0.0781	0.0771	0.0880	0.0859	0.703	0.516	1.969	1.781	3.281	3.094	0.078	0.008
3/32 0.094	0.0937	0.0927	0.1058	0.1035	0.750	0.562	2.094	1.906	3.469	3.281	0.094	0.009
7/64 0.109	0.1094	0.1079	0.1238	0.1210	0.797	0.609	2.219	2.031	3.656	3.469	0.109	0.014
1/8 0.125	0.1250	0.1235	0.1418	0.1390	0.844	0.656	2.344	2.156	3.844	3.656	0.125	0.015
9/64 0.141	0.1406	0.1391	0.1593	0.1566	0.891	0.703	2.469	2.281	4.031	3.844	0.141	0.016
5/32 0.156	0.1562	0.1547	0.1774	0.1745	0.938	0.750	2.594	2.406	4.219	4.031	0.156	0.016
3/16 0.188	0.1875	0.1860	0.2135	0.2105	1.031	0.844	2.844	2.656	4.594	4.406	0.188	0.022
7/32 0.219	0.2187	0.2172	0.2490	0.2460	1.125	0.938	3.094	2.906	4.969	4.781	0.219	0.024
1/4 0.250	0.2500	0.2485	0.2845	0.2815	1.219	1.031	3.344	3.156	5.344	5.156	0.250	0.030
5/16 0.312	0.3125	0.3110	0.3570	0.3531	1.344	1.156	3.844	3.656	6.094	5.906	0.312	0.032
3/8 0.375	0.3750	0.3735	0.4285	0.4238	1.469	1.281	4.344	4.156	6.844	6.656	0.375	0.044
7/16 0.438	0.4375	0.4355	0.5005	0.4944	1.594	1.406	4.844	4.656	7.594	7.406	0.438	0.047
1/2 0.500	0.5000	0.4975	0.5715	0.5650	1.719	1.531	5.344	5.156	8.344	8.156	0.500	0.050
9/16 0.562	0.5625	0.5600	0.6420	0.6356	1.844	1.656	5.844	5.656	9.094	8.906	0.562	0.053
5/8 0.625	0.6250	0.6225	0.7146	0.7080	1.969	1.781	6.344	6.156	9.844	9.656	0.625	0.055
3/4 0.750	0.7500	0.7470	0.8580	0.8512	2.219	2.031	7.344	7.156	11.344	11.156	0.750	0.070
7/8 0.875	0.8750	0.8720	1.0020	0.9931	2.469	2.281	8.344	8.156	12.844	12.656	0.875	0.076
1 1.000	1.0000	0.9970	1.1470	1.1350	2.719	2.531	9.344	9.156	14.344	14.156	1.000	0.081
1 1/4 1.250	1.2500	1.2430	1.440	—	3.250	2.750	11.500	11.000	17.500	17.000	1.250	0.092
1 1/2 1.500	1.5000	1.4930	1.730	—	3.750	3.250	13.500	13.000	20.500	20.000	1.500	0.104
1 3/4 1.750	1.7500	1.7430	2.020	—	4.250	3.750	15.500	15.000	23.500	23.000	1.750	0.115
2 2.000	2.0000	1.9930	2.290	—	4.750	4.250	17.500	17.000	26.630	26.130	2.000	0.126
See Notes			2									1

(1) Each end shall be square with the axis of each arm within 4 deg. and edges may be sharp or chamfered at the option of The Allen Mfg. Co., the chamfer not to exceed the values listed.
(2) Any truncation or rounding of hexagon corners within the specified across corners dimensions shall be evident on all corners.
(3) MATERIAL. Keys and bits shall be fabricated from an alloy steel having two or more of the alloying elements chromium, nickel, molybdenum, or vanadium in sufficient quantity to assure that the Allen hardness values given in Table below are met when keys and bits are hardened by quenching from the austenitizing temperature and tempered.
(4) For nominal socket sizes over 1 in. it is recommended that bits be used in conjunction with standard hexagon wrenches or power drives. When the application makes the use of keys necessary, the keys should conform to the dimensions listed. Bits 1 in. and smaller are available, but the lengths have not been standardized.
(5) For plated keys and bits, all dimensions are before plating.
(6) IDENTIFICATION. All sizes over 1/16 in. are marked with key size and "ALLEN" in location indicated.

Allen Keys and Bits meet the requirements of ANSI B18.3 and GGG-K-275.

Nominal Key Size In.	Torsional Yield Strength * Inch-Pounds (Min.)	Ultimate Torsional Strength Inch-Pounds (Min.)	Hardness RHN C (Min.)	Nominal Key Size In.	Torsional Yield Strength * Inch-Pounds (Min.)	Ultimate Torsional Strength Inch-Pounds (Min.)	Hardness RHN (Min.)
.028	.94	1.1	52	1/4	630.0	730.0	50
.035	1.9	2.3	52	5/16	1,250.0	1,450.0	50
0.50	5.6	6.5	52	3/8	2,150.0	2,500.0	50
1/16	10.5	12.5	52	7/16	3,400.0	3,950.0	50
5/64	21.0	25.0	52	1/2	5,100.0	5,900.0	50
3/32	37.0	43.0	52	9/16	6,900.0	8,000.0	48
7/64	59.0	68.0	50	5/8	9,450.0	11,000.0	48
1/8	86.0	100.0	50	3/4	16,500.0	19,000.0	48
9/64	125.0	145.0	50	7/8	25,800.0	30,000.0	48
5/32	170.0	200.0	50	1	39,000.0	45,000.0	48
3/16	295.0	340.0	50	1 1/4	67,000.0	78,000.0	45
7/32	425.0	495.0	50	1 1/2	116,000.0	135,000.0	45

*Minimum torque for less than 10° permanent set.

Mechanical Properties

Inch Keys & Bits

Tightening forces exceeding values given in "Torsional Yield Strength" column are not generally recommended on socket screw products except in the case of set screws. Here, applied torque may closely approach the figures given in the "Ultimate Torsional Strength" column without danger of damage to screw.

We advise that the Allen Mfg. Co. be consulted when tightening force requirements approach values shown in the "Ultimate Torsional Strength" column.

Warning: The use of a pipe or similar extension on an Allen Key or Hand Tool is hazardous to user safety.

ALLEN

Tool Selection

Metric Sizes

Allen manufactures and stocks the nation's largest variety of metric hex socket hand tools. They are made with the same master workmanship and high quality materials as their inch counterparts. Only mating dimensions are different. Metric Allen Keys meet the requirements of SSPB Standards SS-201 and ISO-2936. All keys 2 mm and larger are size-marked.

Allen Metric Key and Set Selector

Allen Number	Description	Number of Keys or Bits	Nominal Key or Bit Sizes, Millimetres 0.7	0.9	1.3	1.5	2	2.5	3	4	5	6	8	10	12	14	17	19
—	Keys, Short Arm	16																
—	Keys, Long Arm	15																
—	Hex Bits	12																
6M	Key Set, Short Arm	6																
7M	Key Set, Short Arm	7																
9M	Key Set, Short Arm	9																
9ML	Key Set, Long Arm	9																
10M	Key Box Set, Short Arm	12																
15M	Key Box Set, Short Arm	15																
30M	Key Assortment	7																
607M	Handi-Hex Drivers	5																
609M	T-Handles, Forged	10																
619M	Plas-T-Keys, Short Arm	6																
650M	JacKey Sets	6																
651M	JacKey Sets, Long	6																
663ML	Key Set, Long Arm	15																
745M	Handi-Hex Set	5																
760M	"Wrench Book" Set	12																
775M	Key Kady, Short Arm	9																
775ML	Key Kady, Long Arm	9																
780M	T-Handles, Cushion Grip	5																
780M	T-Handle Set, Cushion Grip	5																
785M	Multi-Torq Driver Set	6																
850M	Socket Bits, ⅜″ Dr.	8																
850M	Socket/Bit Set, ⅜″ Dr.	8																
850ML	Socket Bits, Long	8																
850ML	Socket/Bit Set, Long	8																
855M	Socket Bits, ¼″ Dr.	7																
855M	Socket/Bit Set, ¼″ Dr.	7																
860M	Socket Bits, ½″ Dr.	6																
860M	Socket/Bit Set, ½″ Dr.	6																

Allen Metric Key Fit Selector — Keys Fit These Products

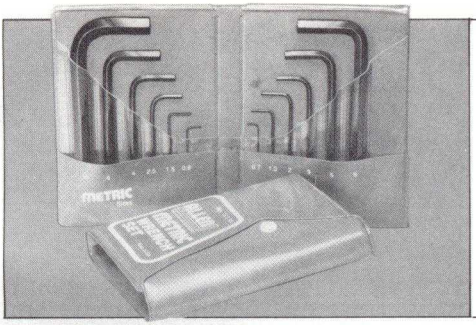
Nominal Key Size Millimetres	Socket Head Cap Screws	Flat Head Cap Screws	Button Head Cap Screws	Set Screws	Shoulder Screws	Allenuts	Low Head Cap Screws	Nominal Key Size Millimetres
0.7	—	—	—	M1.4 M1.6 M1.7	—	—	—	0.7
0.9	—	—	—	M2 M2.3	—	—	—	0.9
1.3	M1.4	—	—	M2.5 M2.6	—	—	—	1.3
1.5	M1.6 M1.7 M2	—	—	M3	—	—	—	1.5
2	M2.3 M2.5 M2.6	M3	M3	M4	—	—	—	2
2.5	M3	M4	M4	M5	—	—	—	2.5
3	M4	M5	M5	M6	—	M3	M4	3
4	M5	M6	M6	M8	M4	M4	M5	4
5	M6	M8	M8	M10	M5	M5	M6	5
6	M8	M10	M10	M12 M14	M6	M6	M8	6
8	M10	M12	M12	M16	M8	M8	M10	8
10	M12	M14 M16	—	M20	M10	M10	M12	10
12	M14	M20	—	M24	M14	M12	M14	12
14	M16	—	—	—	—	—	M16	14
17	M20	—	—	—	M16	M16	M20 M22	17
19	M24	—	—	—	M20	—	M24	19

ALLEN

New Metric Sets

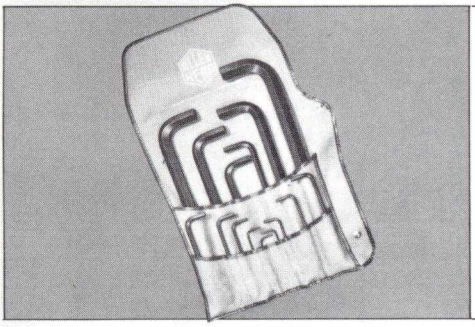
Two new metric Allen sets — each designed for convenience in usage and storage. Folding "Wrench Book" is perfect for home or shop, pocket or toolbox. Metric long arm set provides extra length for greater torque or hard-to-reach socket screws.

"Wrench Book" Long Arm Set



"Wrench Book" contains 12 metric Allen Keys, short arm series, mm sizes: 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10. Compact vinyl case has size-marked pockets. Weight 0.34 kg.

760M
Stock No. 84910



New Metric Set, **long arm series,** has 15 keys in mm sizes: 0.9, 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 17, 19. Sturdy laminated vinyl case has double snap closure; reinforced size-marked pocket for each key. *Allen's best long arm metric set.* Weight 1.7 kg.

663ML
Stock No. 84912

Specialty Metric Key Sets

Any metric Allen Key Set can be imprinted with customer's logo or trademark. Perfect for service tool sets supplied with industrial machinery and business equipment, or as premiums or gifts. Write Allen for details.

ALLEN

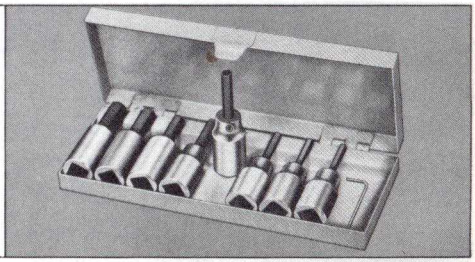
New Metric Socket/Bit Sets

⅜", ¼", ½" Drives

Four different Socket/Bit Sets for ⅜", ¼" or ½" square drive tools. Standard or long series. Each features forged sockets of heat-treated alloy steel and reversible chamfered Allen Bits.

850M
Stock No. 85150

9-piece ⅜" square drive standard Socket/Bit Set with 8 bits in mm sizes: 2, 2.5, 3, 4, 5, 6, 8, 10. Bit length 35 mm. Allen Key included for bit change. Double-hinged metal case. Weight 0.53 kg.

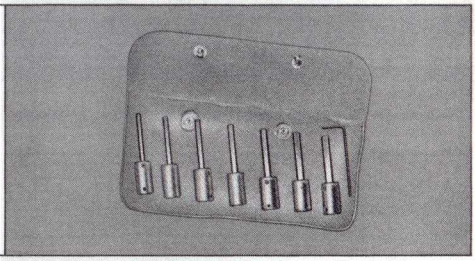


850ML
Stock No. 85300

150 mm bits for extra reach. 9-piece ⅜" square drive Socket/Bit Set with 8 extra long bits in mm sizes: 2, 2.5, 3, 4, 5, 6, 8, 10. Allen Key included for bit change. Durable vinyl case. Weight 0.60 kg.

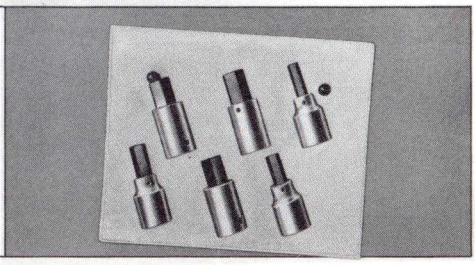
855M
Stock No. 85570

8-piece ¼" square drive standard Socket/Bit Set with 7 bits in mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6. Bit length 35 mm. Allen Key included for bit change. Durable vinyl case. Weight 0.23 kg.



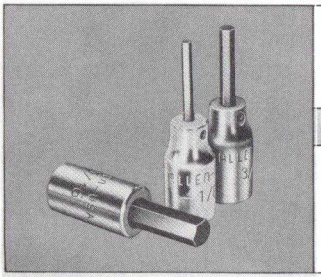
860M
Stock No. 86100

7-piece ½" square drive standard Socket/Bit Set with 6 bits in mm sizes: 6, 8, 10, 12, 14, 17. Bit lengths 35-42 mm. Allen Key included for bit change. Durable vinyl case. Weight 1.5 kg.



New Metric Socket/Bit Replacements

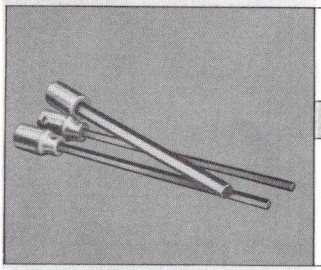
Genuine Allen metric replacement Socket Bits for all ⅜", ¼" and ½" square drive sets. (See price list for replacement bits.)



Standard Metric Socket Bits for ⅜" square drive tools.

Part No.	Approximate Length, mm	Stock No.	Approximate Weight, kg
2mm-850M	57	85170	0.02
2.5mm-850M	57	85172	0.02
3mm-850M	57	85174	0.02
4mm-850M	57	85176	0.03
5mm-850M	57	85178	0.03
6mm-850M	57	85180	0.03
8mm-850M	57	85184	0.04
10mm-850M	57	85186	0.05

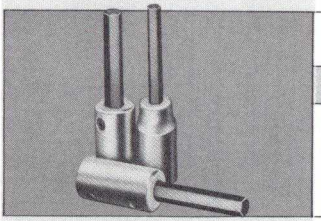
850M



Long Metric Socket Bits for ⅜" square drive tools.

Part No.	Approximate Length, mm	Stock No.	Approximate Weight, kg
2mm-850ML	175	85302	0.05
2.5mm-850ML	175	85304	0.05
3mm-850ML	175	85306	0.06
4mm-850ML	175	85308	0.07
5mm-850ML	175	85310	0.08
6mm-850ML	175	85312	0.09
8mm-850ML	175	85314	0.11
10mm-850ML	175	85316	0.14

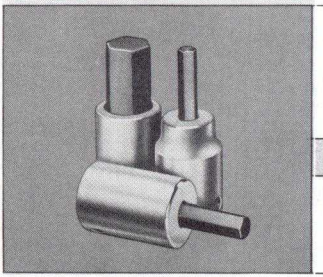
850ML



Standard Metric Socket Bits for ¼" square drive tools.

Part No.	Approximate Length, mm	Stock No.	Approximate Weight, kg
1.5mm-855M	46	85572	0.02
2mm-855M	46	85574	0.02
2.5mm-855M	46	85576	0.02
3mm-855M	46	85578	0.02
4mm-855M	46	85580	0.02
5mm-855M	46	85582	0.03
6mm-855M	46	85584	0.03

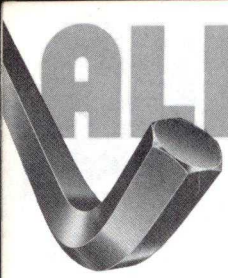
855M



Standard Metric Socket Bits for ½" square drive tools.

Part No.	Approximate Length, mm	Stock No.	Approximate Weight, kg
6mm-860M	161	86102	0.13
8mm-860M	161	86104	0.13
10mm-860M	161	86106	0.23
12mm-860M	161	86108	0.32
14mm-860M	161	86110	0.34
17mm-860M	161	86112	0.38

860M



Metric "L" Type Keys

Metric Allen Keys are made from premium quality alloy steel—heat-treated, oil-quenched and tempered. All are made in the U.S.A. with the same craftsmanship as their inch counterparts. Only mating dimensions are different. Keys meet specifications of SS-201. When ordering specify quantity, size, Allen Stock Number and price (see price list). Short arm keys are furnished unless otherwise specified.

Short Arm Series

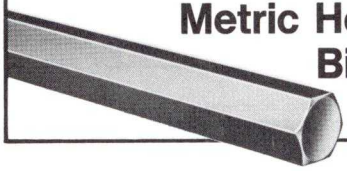
Nominal Key Size mm	Allen Stock Number	Standard Package	
		Quantity	Weight kg
0.7	68085	100	0.05
0.9	68090	100	0.09
1.3	68095	100	0.09
1.5	68020	100	0.14
2	68025	100	0.23
2.5	68030	100	0.32
3	68035	100	0.51
4	68040	100	1.10
5	68045	100	1.90
6	68050	50	1.50
8	68055	50	3.00
10	68060	25	2.62
12	68065	10	1.70
14	68070	10	2.66
17	68075	10	44.40
19	68080	5	31.50

Bulk quantities available. See Price List.

Long Arm Series

Nominal Key Size mm	Allen Stock Number	Standard Package	
		Quantity	Weight kg
0.9	68110	100	0.09
1.3	68115	100	0.18
1.5	68120	100	0.22
2	68125	100	0.35
2.5	68130	100	0.56
3	68135	100	0.84
4	68140	100	1.65
5	68145	100	2.70
6	68150	50	2.33
8	68155	50	4.49
10	68160	25	3.80
12	68165	10	2.75
14	68170	10	4.30
17	68175	5	3.31
19	68180	5	4.50

Bulk quantities available. See Price List.



Metric Hex Bits

Metric Allen Bits are designed for use with Allen Driver Handles — pages 32 & 33. They're made of same material and meet same specifications as metric Allen Keys. See price list for sizes.

New

Metric Merchandiser 9M-12

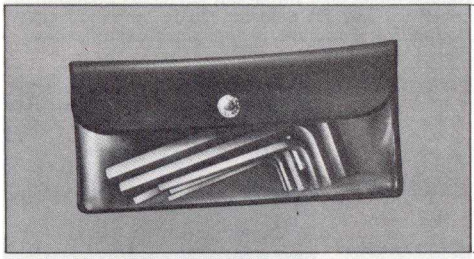
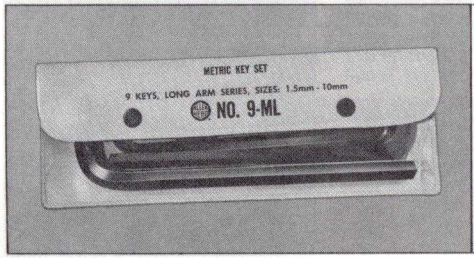
Stock No. 85860

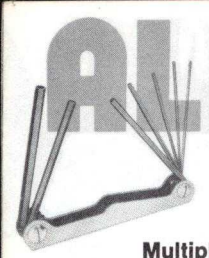
Attractive 18″ x 13½″ counter card with easel back and pegboard hanger holes. Holds 12 popular Allen Metric Key Sets — No. 9M. Each set contains 9 metric keys, short arm series, mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10. Weight 2.8 kg.

Metric Key Sets

Short Arm • Long Arm • Vinyl Envelope

Various combinations of metric Allen Keys packed in pocket-sized colored vinyl envelopes with snap button closures. Short and long arm series. Please specify quantity, set number, and Allen Stock Number when ordering.

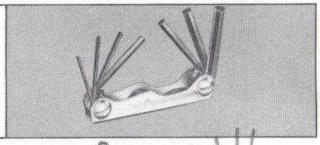
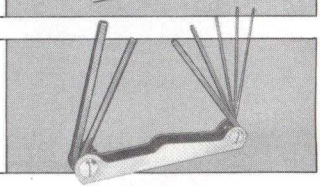
	Six metric keys, short arm series, mm sizes: 1.5, 2, 2.5, 3, 4, 5. Weight 0.3 kg.	**6M** **Stock No.** **85610**
	Seven metric keys, short arm series, mm sizes: 2, 2.5, 3, 4, 5, 6, 8. Finest alloy steel. Weight 0.3 kg.	**7M** **Stock No.** **85604**
	Nine metric keys, short arm series, mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10. Weight 0.6 kg.	**9M** **Stock No.** **85620**
	Nine metric keys, **long arm series,** mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10. Extra length for greater reach. Weight 0.78 kg.	**9ML** **Stock No.** **85630**

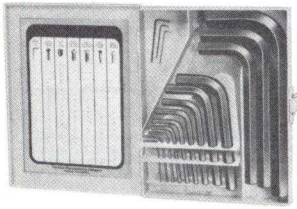


Metric JacKey Sets

Multiple Self-Contained Bits

Compact JacKey Sets are perfect for home and shop. Available with two combinations of the finest alloy steel bits. Heavy-duty plated steel handle. Jacknife folding feature allows carrying in pocket or toolbox. Dual purpose bits function as wrench or straight driver. (See price list for metric replacement bits.)

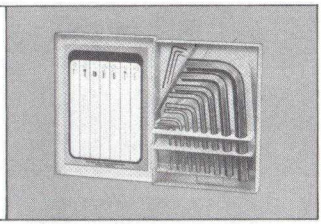
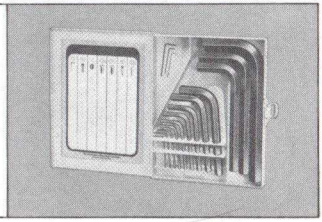
650M **Stock No.** **73500**	Metric **JacKey Set** with 7 bits in mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6. Bit lengths 38-50 mm; handle length 100 mm. Weight 0.15 kg.	
651M **Stock No.** **73510**	Metric **JacKey Set** with 7 **extra-long bits** in mm sizes: 2, 2.5, 3, 4, 5, 6, 8. Bit lengths 127-140 mm; handle length 152 mm. Weight 0.36 kg.	



Metric Key Sets

Short Arm Metal Box

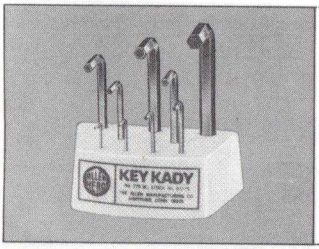
Two metric key sets with genuine Allen Keys in a rugged metal box. Swing-out key index allows quick selection. Key Fit Selector Guide on inside cover. Perfect for shops and maintenance departments.

10M **Stock No.** **85010**	Twelve metric keys, short arm series, mm sizes: 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10. Weight 0.54 kg.	
15M **Stock No.** **85015**	Fifteen metric keys, short arm series, mm sizes: 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 14, 17. Weight 1.59 kg.	

Metric Key Stands

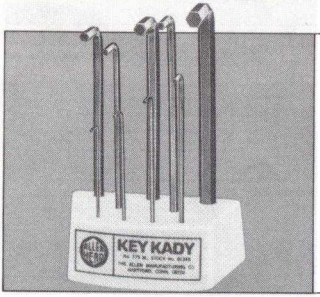
Short Arm • Long Arm

Two metric sets, each with genuine Allen Keys in a bright yellow styrene Key Kady. Size-marked recesses provide quick access to the right key. Short arm and long arm series.



Key Kady holds 9 metric Allen Keys, short arm series, mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10. Durable workbench stand. Weight 0.43 kg.

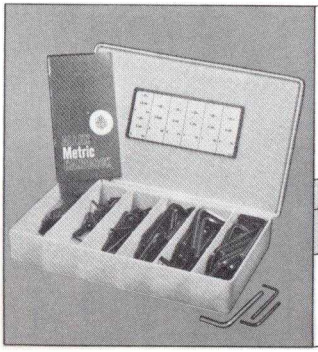
775M
Stock No. 85775



Key Kady holds 9 metric Allen Keys, **long arm series,** mm sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10. Long arm keys for greater reach. Durable workbench stand. Weight 0.57 kg.

775ML
Stock No. 85780

Metric Key Assortment



Assortment features 175 of the 7 most popular metric Allen Keys — short arm series. All in a rugged partitioned plastic box — 11″ x 6¾″ x 1¾″ — with 225-page Allen Handbook included. Keys fit set screws M3 through M12; cap screws M3 through M8; flat heads M3 through M10. Weight 2.28 kg.

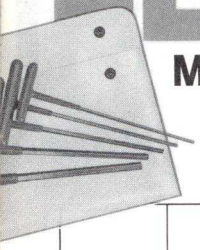
Contents			
Nom. Key Size, mm	**Quantity Per Pkg.**	**Nom. Key Size, mm**	**Quantity Per Pkg.**
1.5	25	4	25
2	25	5	25
2.5	25	6	25
3	25		

30M
Stock No. 85830

ALLEN

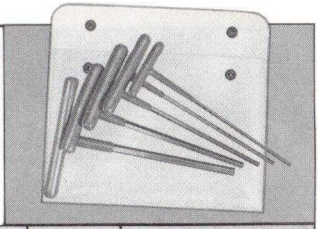
Metric Drivers
Driver Sets
T-Handle

Three types of drivers, each designed with comfortable T-Handle grips for production and assembly operations. All feature genuine Allen Bits made of the finest heat-treated alloy steel.



780M
Stock No. 81100

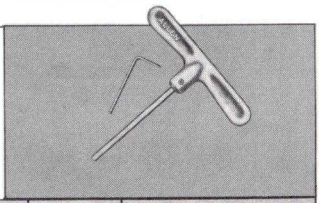
Metric Cushion-Grip T-Handle Set contains 5 drivers with Allen Bits in mm sizes: 2.5, 3, 4, 5, 6. Bit length 150 mm. Cushioned handles provide more comfort for repetitive fastening or adjusting operations. "Allen" stamp on plastic-coated size-marked handle is your sign of quality. Vinyl snap button case. Weight 0.44 kg.



Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg	Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg
2.5	150	81105	10	0.14	5	150	81117	10	0.32
3	150	81110	10	0.23	6	150	81119	10	0.36
4	150	81115	10	0.23					

609M

Forged T-Handles hold replaceable metric Allen Bits. Metal handles with large gripping surface provide maximum leverage. Metric Key for set screw included. "Allen" stamp is your sign of quality.

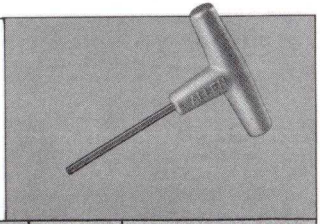


Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg	Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg
2.5	150	81205	10	0.420	8	150	81230	5	1.019
3	150	81210	10	0.449	10	150	81235	5	1.203
4	150	81215	10	0.520	12	150	81240	1	0.435
5	150	81220	10	0.952	14	150	81245	1	0.489
6	150	81225	5	0.532	17	150	81250	1	0.583

See price list for replacement bits.

619M

Plas-T-Key Drivers are molded of blue butyrate for comfort and toughness. Size-marked handles show bit size. "Allen" stamp is your sign of quality.



Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg	Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg
2	46	103928	10	0.68	4	60	103931	10	0.68
2.5	53	103929	10	0.68	5	83	103932	10	0.68
3	63	103930	10	0.68	6	106	103933	10	0.91

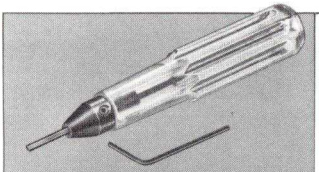
Bulk quantities available.

ALLEN

Metric Drivers
Driver Sets

Screwdriver Handle

Two types of drivers — Handi-Hex and Multi-TorQ. You can choose Allen Handi-Hex Drivers individually or in sets. They feature plastic screwdriver handles with genuine Allen Bits. Multi-TorQ Driver Set features interchangeable metric Allen Bits which fit adjustable screwdriver handle.



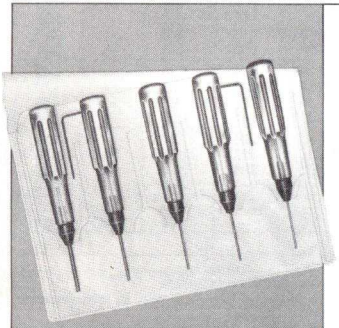
Handi-Hex Drivers have blue plastic handles which hold adjustable, replaceable metric Allen Bits. Allen Key included for tightening or loosening chuck. Handle accepts bits from 1.5-4 mm. "Allen" stamp is your sign of quality.

607M

Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg	Nominal Bit Size mm	Length mm	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg
1.5	75	81310	20	1.14	3	75	81325	20	1.14
2	75	81315	20	1.14	4	75	81330	20	1.14
2.5	75	81320	20	1.14					

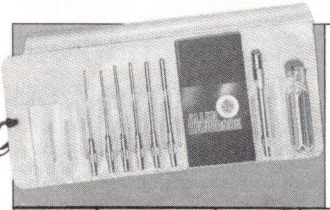
See price list for replacement bits.

Note: Sizes 0.7 mm, 0.9 mm, 1.3 mm are available upon request.



Handi-Hex Set contains 5 drivers with Allen Bits in mm sizes: 1.5, 2, 2.5, 3, 4. Complete with two metric keys for bit change or adjustment. Packed in partitioned vinyl snap-button case. Weight 0.29 kg.

745M
Stock No. 81335



Multi-TorQ Driver Set contains 6 interchangeable shank Allen Bits in mm sizes: 1.5, 2, 2.5, 3, 4, 5. Bit length 100 mm. Handle 127 mm x 104 mm with 104 mm extension to make 208 mm driver. Packed in handy vinyl roll case with free Allen Handbook. Weight 0.36 kg.

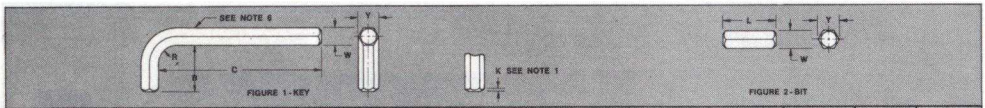
785M
Stock No. 81120

Nominal Bit Size mm	Part Identification Number	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg	Nominal Bit Size mm	Part Identification Number	Allen Stock Number	Standard Package Quantity	Standard Package Weight kg
1.5	99-72 mm	81121	5	0.18	4	99-76 mm	81125	5	0.18
2	99-73 mm	81122	5	0.18	5	99-77 mm	81126	5	0.18
2.5	99-74 mm	81123	5	0.18		785 M Handle	81127	5	0.36
3	99-75 mm	81124	5	0.18		99-X-5 Extension	81128	5	0.36

ALLEN

Dimension Standards

Metric Keys and Bits



Nominal Key or Bit and Socket Size mm	W		Y		B		C				R	L	K
	Hexagon Width Across Flats mm		Hexagon Width Across Corners mm		Length of Short Arm mm		Length of Long Arm, mm				Radius of Bend mm	Length of Bit mm	Chamfer mm
							Short Series		Long Series				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.	± 1.5	Max.
0.7	0.711	0.698	0.798	0.762	8	3	34	28	69	63	1.5	—	0.08
0.9	0.889	0.876	0.998	0.960	11	6	34	28	71	65	1.5	—	0.10
1.3	1.270	1.244	1.422	1.372	16	11	44	39	75	69	1.5	—	0.15
1.5	1.500	1.470	1.690	1.640	14	13	45	43	78	76	1.5	—	0.20
2	2.000	1.970	2.250	2.200	16	15	50	48	83	81	2.0	—	0.20
2.5	2.500	2.470	2.820	2.770	18	17	56	53	90	87	2.5	—	0.23
3	3.000	2.960	3.399	3.340	20	18	63	60	100	97	3.0	—	0.38
4	4.000	3.960	4.532	4.470	25	23	70	66	106	102	4.0	—	0.41
5	5.000	4.960	5.690	5.630	28	26	80	76	118	114	5.0	—	0.56
6	6.000	5.950	6.828	6.760	32	30	90	86	140	136	6.0	—	0.76
8	8.000	7.950	9.136	9.030	36	34	100	95	160	155	8.0	—	0.81
10	10.000	9.950	11.470	11.340	40	38	112	106	170	164	10.0	—	1.12
12	12.000	11.950	13.764	13.590	45	43	125	119	212	206	12.0	—	1.27
14	14.000	13.930	16.058	15.880	56	53	140	133	236	229	14.0	—	1.35
17	17.000	16.930	19.499	19.300	63	60	160	152	250	242	17.0	—	1.40
19	19.000	18.930	21.793	21.580	70	67	180	171	280	271	19.0	—	1.78
22	22.000	21.930	25.234	25.000	80	76	200	190	335	325	22.0	—	1.93
24	24.000	23.930	27.525	27.240	90	86	224	213	375	364	24.0	—	2.06
27	27.000	26.820	30.969	30.710	100	95	250	238	—	—	27.0	100	2.06
32	32.000	31.820	36.704	36.430	125	119	315	300	—	—	32.0	100	2.34
36	36.000	35.820	41.292	40.900	140	133	355	338	—	—	36.0	100	2.64
See Notes			2										1

(1) Each end shall be square with the axis of each arm within 4 deg. and edges may be sharp or chamfered at the option of The Allen Mfg. Co. the chamfer not to exceed the values listed.

(2) Any truncation or rounding of hexagon corners within the specified across corners dimensions shall be evident on all corners.

(3) MATERIAL Keys and bits shall be fabricated from an alloy steel having two or more of the alloying elements chromium, nickel, molybdenum, or vanadium in sufficient quantity to assure that the Allen hardness values given in Table below are met when keys and bits are hardened by quenching from the austenitizing temperature and tempered.

(4) For nominal socket sizes over 24 mm it is recommended that bits be used in conjunction with standard hexagon wrenches or power drives. When the application makes the use of keys necessary the keys should conform to the dimensions listed. Bits 24 mm and smaller are available, but the lengths have not been standardized.

(5) For plated keys and bits, all dimensions are before plating.

(6) IDENTIFICATION All sizes over 1.5 mm are marked with key size and ALLEN key location indicated.

Metric Allen Keys meet the requirements of SSPB SS-201.

Nominal Key Size mm	Torsional Yield Strength* NM	Hardness RHN C (Min.)	Nominal Key Size mm	Torsional Yield Strength* NM	Hardness RHN C (Min.)
0.7	0.1	52	8	126	50
0.9	0.2	52	10	252	50
1.3	0.6	52	12	420	50
1.5	1.0	52	14	670	48
2	2.1	52	17	1180	48
2.5	4.7	50	19	1670	48
3	7.7	50	22	2450	48
4	17.8	50	24	3200	48
5	35	50	27	4300	48
6	57	50	32	6800	45
			36	10000	45

*Minimum Torque Required For Less Than 10° Permanent Set.

Mechanical Properties

Metric Keys and Bits

Tightening forces exceeding values given in "Torsional Yield Strength" column are not generally recommended on socket screw products except in the case of set screws. Here, applied torque may closely approach ultimate torsional strength without danger of damage to the screw.

Allen Metric Keys up to 8 mm are tested to failure. Failure occurs by a clean, square shear fracture.

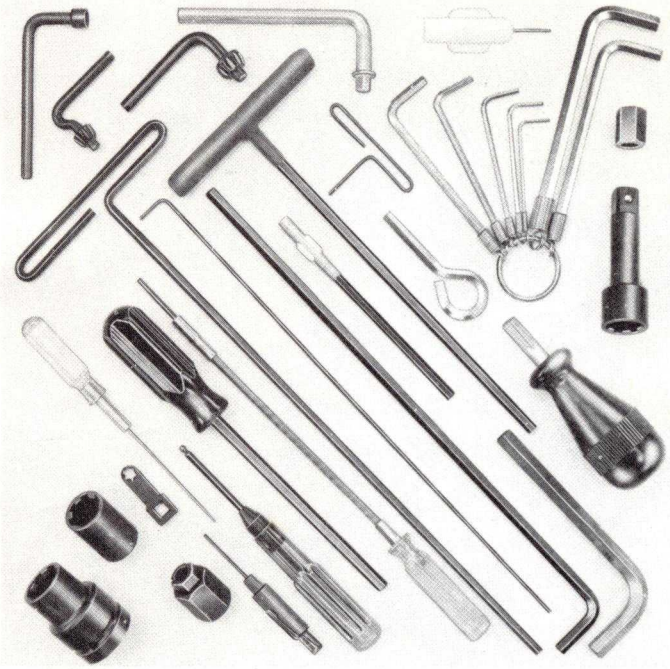
Warning: The use of a pipe or similar extension on an Allen Key or Hand Tool is hazardous to user safety.

ALLEN

Specials

Inch & Metric Sizes

Socket screw applications have rapidly exceeded the conventional range of sizes, lengths and configurations of the standard Allen product line. Recognizing this, Allen ingenuity has kept pace by developing special types and sizes. They are as diversified as designers' needs for custom lengths, shapes, materials and features.



A wide variety of special Allen Keys, Bits and Hand Tools can be supplied for specific applications. Besides custom shapes, Allen offers specialized protective or decorative coatings. These include cadmium, chromium, nickel, tin and phosphates. Special materials can also be supplied, e.g. beryllium copper for anti-sparking applications. Contact Allen for details.

Allen Keys

- Special lengths in both short and long arm series
- Special configurations and forms, e.g. double end bends and angles
- Tamper-proof Keys with end holes for security applications
- Ballpoint ends for multi-angle socket screw applications
- Special spline sockets and keys for driving Super-TorQ® cap screws
- Customer identification and coding

Allen Hex Bits

- Special lengths and diameters

Allen Hand Tools

- One-piece T-handles in various shapes, formed from continuous lengths of alloy steel
- Special hex bit chucks for hand and power tools
- Plas-T-Keys with special inch or metric bit lengths

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CM 75 SZS 738-1

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